

Calendar

April 1962 - June 1963



WEEK OF
April 1-7, 1962

CALENDAR

WEEK OF
April 1-7, 1962

OF DUKE UNIVERSITY



Events of the Week

Sunday, April 1

11:00-11:30 a.m. Spring Recess Chapel Service.
Presiding: The Reverend Professor James B.
Cleland, Dean of the Chapel.

Monday, April 2

3:30-5:00 p.m. Madrigal Singers Rehearsal. Room
109 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women:
faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

6:00 p.m. Naval Reserve Research Company 6-6
Meeting. 724 Foster Street, Durham. Speaker:
Mr. Arthur Gillespie.

8:00 p.m. Philosophy Colloquium. Room 213 Cald-
well Hall, Chapel Hill. Speaker: Professor
Peter Winch.

8:15-9:30 p.m. West Campus Swimming Pool open
to faculty members and their families. Faculty
children will be admitted only when accom-
panied by their parents.

Tuesday, April 3

2:00 p.m. The Final Examination of Mr. Emile M.
Searpelli for the Ph.D. Degree in Physiology.
Room M210 Medical School.

4:00 p.m. English Lecture: Professor Lawrance
Thompson. Room 208 Flowers Building.

4:15-6:00 p.m. Concert Band Rehearsal. Room 208
Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women:
faculty, staff members, and students.

8:00 p.m. Philological Club and Erasmus Club
Joint Meeting. Room 2 Carroll Hall, U.N.C.,
Chapel Hill. Speaker: Professor Leland R.
Phelps.

8:15 p.m. Student Union Major Speakers Series:
Sir Patrick Dean, K. C. M. G. Page Audi-
torium.

Wednesday, April 4

12:50-1:40 p.m. Seapower Address. Page Audi-
torium. Speaker: Rear Admiral John S. Mc-
Cain, Jr., USN.

3:00 p.m. Varsity Baseball: Duke versus University
of Delaware. Coombs Field.

3:00 p.m. Varsity Golf: Duke versus Ohio Uni-
versity. Duke Golf Course.

4:00 p.m. Botany Seminar. Biological Sciences
Auditorium. Speaker: Mr. Greayer Mansfield-
Jones.

4:00 p.m. Interdepartmental Seminar. Hospital
Amphitheatre. Speaker: Dr. Walle J. H.
Nauta.

IMPORTANT—Notices for the Duke University Calendar should be submitted
IN WRITTEN FORM to Room 202-A Flowers Building, West Campus, not later
than 1:00 p.m., Thursday. Telephone 2911.

- 4:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 114 Physics Building. Speaker: Dr. F. Keffer.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Gordon Cantor.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00-9:00 p.m. Open-Hour Badminton. Women's Gymnasium. Open to faculty and students.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "BATTLESHIP POTEMKIN." Sergei Eisenstein's world classic portraying historic revolt on the battleship "Potemkin"—the first mass revolutionary action among the Russian armed forces in 1905. "The best film of all times"—chosen in a 26 nation poll. "One of the 10 best of forty years"—N. Y. Times. Also "Tchaikovsky"—depicting his life and music.
- 8:15 p.m. English Lecture: Professor Lawrance Thompson. Woman's College Auditorium.

Thursday, April 5

- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 3:00 p.m. Varsity Baseball: Duke versus Colby College. Coombs Field.
- 4:00 p.m. Literature and Drama Lecture. Room 208 Flowers Building. Speaker: Professor August Closs.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Student Union Major Attraction: José Greco Spanish Dance Company. Page Auditorium.

Friday, April 6

- 10:00 a.m. The Final Examination of Mrs. Barbara Beavers Chapman for the Ph.D. Degree in Psychology. Room 206 Psychology Laboratory.
- 10:15 a.m. The Final Examination of Mr. David Robert Bryant for the Ph.D. Degree in Chemistry. Room 220 Chemistry Building.
- 12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.
- 3:00 p.m. Varsity Baseball: Duke versus North Carolina State College. Coombs Field.
- 3:00 p.m. Varsity Tennis: Duke versus Williams College. West Tennis Courts.
- 4:15-6:00 p.m. Concert Band Rehearsal. Asbury Auditorium.

- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages six-sixteen, may also swim; those twelve and under must be accompanied by their mothers.
- 5:15 p.m. N.S.A. Conference: "Africa: the New Generation." (See special notice.)
- 7:30 p.m. International Club Folk Dancing. Ark, East Campus.
- 8:15 p.m. Music Department Chamber Music Program of Vincent Persichetti. Music Room, East Duke Building.

Saturday, April 7

- 10:00-11:00 a.m. 1962 Alumnae Day Program. East Duke Building. (See special notice.)
- 1:00 p.m. Alumnae Day Luncheon. Woman's College Union Building.
- 2:00 p.m. Varsity Track Meet: Duke versus University of Virginia. Stadium.
- 5:00 p.m. Tau Beta Pi Initiation. Room 125 Engineering Building.
- 6:30 p.m. Tau Beta Pi Banquet. Old Trinity Room. Speaker: Mr. William W. Braunwarth.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "BATTLESHIP POTEMKIN." Sergei Eisenstein's world classic portraying historic revolt on the battleship "Potemkin"—the first mass revolutionary action among the Russian armed forces in 1905. "The best film of all times"—chosen in a 26 nation poll. "One of the 10 best of forty years"—N. Y. Times. Also "Tchaikovsky"—depicting his life and music.

NAVAL RESERVE RESEARCH COMPANY 6-6 MEETING

Naval Reserve Research Company 6-6 will meet on Monday, April 2nd, at 6:00 p.m. at the Naval Reserve Training Center, 724 Foster Street, Durham. The program features Mr. Arthur Gillespie, Chemist, Measurement and Control Laboratory, Research Triangle Institute. His topic will be "Some Analytical Aspects of Radioactivity." The membership of this unit consists mostly of Naval Reserve officers who are graduate students and faculty members of the three area universities. All Naval Reserve Officers of the University Community are invited to attend and consider affiliating with this unit.

PHILOSOPHY COLLOQUIUM

On Monday, April 2nd, at 8:00 p.m. the Duke-U.N.C. Philosophy Colloquium will meet in Room 213 Caldwell Hall, Chapel Hill. Speaking will be Professor Peter Winch on the topic, "The Reality of Magic."

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Emile M. Scarpelli for the Ph.D. degree in Physiology will be held on Tuesday, April 3rd, at 2:00 p.m. in Room M210 Medical School. The subject of Mr. Scarpelli's dissertation is "Cardiovascular-Pulmonary Dynamics of Ventricular Asystole and Acute Complete Heart Block." The committee to conduct the examination consists of Professors F. G. Hall, W. E. Hull, E. C. Long, N. F. Conant, and Karl Wilbur. Professor Hall will preside.

LECTURES BY FROST BIOGRAPHER

Lawrance Thompson, Professor of American Literature at Princeton University, will be on campus, Tuesday and Wednesday, April 3rd and 4th. He will deliver two public lectures under the joint sponsorship of the Student Union, the Graduate English Club, and the English Department.

On Tuesday, April 3rd, at 4:00 p.m. in Room 208 Flowers Building, his topic will be **Moby Dick: One Way to Cut In**. Mr. Thompson, who published in 1952 his controversial book, **Melville's Quarrel with God**, will confine himself to the major novel and will state his position as it has evolved during the past ten years.

On Wednesday, April 4th, at 8:15 p.m. in the Woman's College Auditorium, his topic will be **Robert Frost: The Search for Self**. Dr. Thompson is the author of two works on Frost: one, **Fire and Ice** (1942), a full-length critical study, and the other, in 1959, a pamphlet in the University of Minnesota series of short studies of American writers.

For many years a friend and associate of Robert Frost, Dr. Thompson is now collecting material for the official biography of the poet. Last year he accompanied Mr. Frost on an extended speaking tour of Europe and the Near East. While here, Dr. Thompson will be returning from a month's visit with Mr. Frost in Florida.

THE PHILOLOGICAL CLUB AND THE ERASMUS CLUB JOINT MEETING

The Philological Club and the Erasmus Club will hold a joint meeting on Tuesday, April 3rd, at 8:00 p.m. in Room 2 Carroll Hall, U.N.C., Chapel Hill. Professor Leland R. Phelps of the German Department will present a paper entitled "Shelley and Goethe's 'Faust'."

All members and their guests are cordially invited to attend.

STUDENT UNION MAJOR SPEAKERS SERIES: SIR PATRICK DEAN, K.C.M.G.

The Educational Affairs Committee of the Student Union will present an address by Sir Patrick Dean, Permanent Representative of the United Kingdom to the United Nations, on Tuesday, April 3rd, at 8:15 p.m. in Page Auditorium. The address, "Britain and the Future of the United Nations," is part of the Major Speakers Series.

Sir Patrick replaced Sir Pierson Dixon as the United Kingdom representative in the UN and has been a Deputy Under-Secretary of State in the Foreign Office since 1956. He has spent his life as an educator and diplomat. From 1932-1939 he was a Cambridge Don teaching law in Clare College. After practicing law for five years, Sir Patrick joined the Foreign Office at the outbreak of the Second World War. He was present at Yalta and Potsdam as legal adviser to British ministers. Since the war he has continued diplomatic service, especially with the Foreign Office, the Ministry of Defense, and the Chiefs of Staff.

The University Community is extended a most cordial invitation to attend this pertinent address.

SEAPOWERS ADDRESS

Rear Admiral John S. McCain, Jr., U.S.N., will present an address—"Seapower: The New Four Ocean Challenge"—on Wednesday, April 4th, at 12:50 p.m. in Page Auditorium under the sponsorship of the Naval Science Department. Rear Admiral McCain, who as a submarine commander in World War II was decorated for conspicuous gallantry, is presently the Commander of the Atlantic Fleet Amphibious Training Command, which trains over 28,000 Army, Navy, Air Force, and Marine Corps personnel annually in the techniques of amphibious warfare. All interested persons are invited to attend.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, April 4th, at 4:00 p.m. in the Biological Sciences Auditorium. Mr. Greayer Mansfield-Jones, Department of Botany, will speak on "Some Ecological Relationships of Piñon Pine in Southwestern Utah."

Refreshments will be served in the foyer at 4:00 p.m.

INTERDEPARTMENTAL SEMINAR

The Interdepartmental Seminar on the Anatomical and Physiological Bases of Behavior will be held on Wednesday, April 4th, at 4:00 p.m. in the Hospital Amphitheater. Dr. Walle J. H. Nauta, Chief, Department of Neurophysiology, Walter Reed Army Institute of Research, will speak on "Central Nervous Organization and the Endocrine-Motor System."

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The Joint Duke-U. N. C. Physics Colloquium will meet Wednesday, April 4th, at 4:00 p.m. in Room 114 Physics Building. The speaker will be Dr. F. Keffer of the University of Pittsburgh. His subject will be "Elementary Approach to Spin Waves."

Tea and coffee will be served at 3:40 p.m.

PSYCHOLOGY COLLOQUIUM

There will be a Psychology Colloquium on Wednesday, April 4th, at 4:30 p.m. in Room 209 Bivins Building. The speaker, Dr. Gordon Cantor of the University of Iowa will speak on "Responses of Children to Novel and Complex Stimulation." Coffee will be served at 4:00 p.m.

LITERATURE AND DRAMA LECTURE

Professor August Closs, Professor of German and Chairman of the Department of German at the University of Bristol (England), editor and anthologist, author of "The Genius of the German Lyric," "Medusa's Mirror: Reality and Symbol," "Tristan and Isolde," "Woge im Westen" and other books and articles on modern German and English poetry will speak on "Tragedy on the 20th Century Stage" in Room 208 Flowers Building at 4:00 p.m. on Thursday, April 5th. The lecture is sponsored by the Department of Germanic Languages and Literature in conjunction with the Programs in Comparative Literature, Speech and Drama and is open to the public.

STUDENT UNION PRESENTS JOSE GRECO SPANISH DANCE COMPANY

The Student Union's Major Attractions Committee will present José Greco and his company of Spanish Dancers in a concert on Thursday, April 5th, in Page Auditorium at 8:15 p.m. Tickets, priced at \$2.00, \$2.50, and \$3.00, are available at the Page Box Office during the hours of 2:00-4:30 p.m. Reservations may be made by calling Extension 2911.

The company's presentations will represent the full scope of the Spanish dance—from classical dances to regional and fiery flamenco. Interludes of Spanish folk tunes sung by the performers will give variety to the program.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mrs. Barbara Beavers Chapman for the Ph.D. degree in Psychology will be held on Friday, April 6th, at 10:00 a.m. in Room 206 Psychology Laboratory. The subject of Mrs. Chapman's dissertation is "The Effects of Eliciting the Conditioned Eyeblink During the Foreperiod of Reaction Time." The committee to conduct the examination consists of Professors Gregory A. Kimble, Sigmund Koch, Norman Guttman, Talmadge Peele, and Carl Eisdorfer. Professor Kimble will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. David Robert Bryant for the Ph.D. degree in Chemistry will be held on Friday, April 6th, at 10:15 a.m. in Room 220 Chemistry Building. The subject of Mr. Bryant's dissertation is "A Study of Factors Controlling Benzoylation and Other Condensations of Di- and Trianions." The committee to conduct the examination consists of Professors C. R. Hauser, L. A. Bigelow, Peter Smith, Pelham Wilder, and Walter Gordy. Professor Hauser will preside.

N. S. A. CONFERENCE "AFRICA: THE NEW GENERATION"

"Africa: the New Generation" is the title given the conference to be held on the Duke campus on Friday, April 6th, and Saturday, April 7th, under the auspices of the Men's Student Government Association, Women's Student Government Association, the Y.M.C.A., Y.W.C.A., University Religious Council, Interfraternity Council, and the National Student Association. The conference will be concerned with the exchange of ideas between American and African students in an effort to awaken interest among those to whom Africa is still a relatively unknown continent and to provide knowledge of the forces which are moving that continent, and of the significance of these forces to the outside world. Twenty-seven African students from Ghana, Nigeria, Uganda, Kenya, Togo, Liberia, Sierra Leone, and Southern Rhodesia will help lead the discussion groups on Saturday. The keynote speaker on Friday night will be Mrs. Ruth Sloan, organizer and past head of U.S.I.A. in Africa, author of a number of books and presently president of the Sloan Association, an African research firm.

Registration information may be secured from Charles R. Silkett, Chairman of the African Conference Committee.

MUSIC DEPARTMENT CHAMBER MUSIC PROGRAM OF VINCENT PERSICHETTI

Vincent Persichetti of the Juilliard School of Music and the Philadelphia Conservatory of Music will visit the campus under the auspices of the Mary Duke Biddle Foundation and the Department of Music. On Friday, April 6th, at 8:15 p.m. in the Music Room, East Duke Building, a program of his chamber music will be presented by members of the Music Department, students of the University, and out-of-town guest performers. A reception in the Green Room, East Duke Building, will follow the performance. The public is cordially invited to attend. The program will be as follows:

Serenade No. 1 for Ten Wind Instruments (1929) Opus 1

Prelude

Episode

Song

Interlude

Dance

Penny Griffy, flute

Lewis Danfelt, oboe (East Carolina College)

Allan Bone, clarinet

Neal Huffaker, French horn

Frank Starbuck, bassoon (Woman's College,

U.N.C.)

Lynn Russell, trumpet

Norman Nelson, trumpet

Carleton Guptill, French horn

John Cartwright, trombone

Lynn Chenault, tuba

Conducted by the composer; played from manuscript.

Quintet for Piano and Strings, Opus 66 (commissioned by the Koussevitzky Foundation, 1955)

Julia Mueller, violin

William Martin, violin

Lawrence Wallace, viola

William Klensz, 'cello

Vincent Persichetti, piano

Intermission

Infanta Marina for Viola and Piano, Opus 83

Julia Mueller, viola

Ruth Friedberg, piano

Mass for Mixed Chorus, a cappella

Kyrie

Gloria

Credo

Sanctus

Agnus Dei

The Duke Madrigal Singers

Conducted by the composer

(Prepared by Eugenia Saville)

Other events during Mr. Persichetti's visit include:

Monday, April 9th Room 208 Asbury Building.

2:00-3:15 p.m. Open meeting of Iain Hamilton's "Contemporary Styles" class with Mr. Persichetti as guest. Discussion subject: "Music in Our Time." The public is cordially invited to attend. Reception

for all students and guests immediately following the class meeting.

Wednesday, April 11th Woman's College Auditorium.

7:15 p.m. Pre-Concert illustrated lecture of works written for the concert band. As the composer "views his medium" Mr. Persichetti will discuss specific matters of instrumentation and voicing. He will comment on the band and its music in today's society.

8:15 p.m. Spring Concert by the Duke Concert Band, Paul R. Bryan, conductor, with Vincent Persichetti as Guest Conductor of his "Symphony No. 6 for Band." The public is cordially invited to attend these events without charge.

1962 ALUMNAE DAY

The 1962 Alumnae Day has been set for Saturday, April 7th. The morning program will be held in East Duke Building.

10:00-11:00 a.m. "Ideology and Reality in Soviet Political Philosophy." Speaker: Dr. Glenn R. Negley, Professor of Philosophy.

11:00-11:30 a.m. Coffee Hour.

11:30 a.m.-12:30 p.m. "The Listener's Understanding of Contemporary Music." Speaker: Iain Hamilton, Visiting Mary Duke Biddle Professor of Music.

1:00 p.m. Luncheon honoring Dr. R. Florence Brinkley, Dean of the Woman's College. Annual meeting of the Alumnae Association. Woman's College Union.

Members of the University Community are cordially invited to the Alumnae Day program and the luncheon honoring Dean Brinkley. Tickets for the luncheon should be purchased in the Alumnae Office, 106 West Campus Union Building, before Tuesday, April 3rd.

TAU BETA PI INITIATION AND BANQUET

Tau Beta Pi, engineering honorary fraternity, will hold its initiation at 5:00 p.m. in Room 125 Engineering Building on Saturday, April 7th. A banquet in the Old Trinity Room will follow at 6:30 p.m., and the speaker will be Mr. William W. Braunwarth of the American Telephone and Telegraph Company and a member of Tau Beta Pi.

ADVANCE NOTICE GRADUATE GERMAN EXAMINATIONS

The German examinations for candidates for graduate degrees will be given April 30th-May 5th. Candidates should register in the Graduate School Office for these examinations not later than April 18th.

FULBRIGHT AWARDS FOR 1963-64

Applications for Fulbright Awards for 1963-64 are being accepted until April 15th. In some instances they will be considered until the vacancies are filled. The areas are Latin America, Australia, New Zealand, South and Southwest Asia. These cover university lecturing and advanced research.

1962 UNDERGRADUATE STUDENT BOOK COLLECTORS CONTEST

The Friends of Duke University Library and the Gothic Bookshop, joint sponsors of the 1962 Student Book Collectors Contest, are offering prizes of \$100, \$60, and \$40 for the best personal book collections acquired by students while in college.

Winners will be determined by a committee of three faculty members, on the basis of book lists submitted and brief personal interviews. Judges of the 1962 contest will be Professors S. K. Heninger, Jr., Theodore Ropp, and Earl G. Mueller.

Neither the number nor the monetary value of the student's books is of primary importance, but rather the student's knowledge of his own library. Each collection must have a conscious focus and show discriminating selection. Textbooks may be included only if they represent voluntary selection on the student's part.

The contest is open to all undergraduates.

If the first-prize winner is a member of the senior class, he will be eligible to compete for the Amy Loveman National Award of \$1000, offered by the Women's National Book Association, The Book-of-the-Month Club, and the **Saturday Review**.

Further information may be obtained from Thomas M. Simkins, Jr., in the Rare Book Room of the General Library, West Campus.

The date for submitting entries is April 12th.

University Official Examination Schedule Spring Semester, 1962

ANY STUDENT HAVING A SCHEDULE OF THREE EXAMS WITHIN TWENTY-FOUR HOURS OR TWO EXAMS AT THE SAME TIME MUST REPORT TO THE DEAN'S OFFICE *NOT LATER THAN MAY 4* TO REQUEST A CHANGE IN SCHEDULE.

Thursday		
May 17	7:00- 8:00 p.m.	PHYSICAL EDUCATION
Friday		
May 18		UNDERGRADUATE READING PERIOD
Saturday	9:00-12:00 noon	TTS 3
May 19	2:00- 5:00 p.m.	Math 18, 21, 22
Monday	9:00-12:00 noon	TTS 2
May 21	2:00- 5:00 p.m.	French, Spanish 64 & Engineering 2.5-2.8
Tuesday	9:00-12:00 noon	TTS 1
May 22	2:00- 5:00 p.m.	Psychology 91 & Engineering 2.1-2.4
	7:00-10:00 p.m.	Chemistry 2 and Botany 2
Wednesday	9:00-12:00 noon	TTS 4
May 23	2:00- 5:00 p.m.	Physics 2, 42
	7:00-10:00 p.m.	Air Science
Thursday	9:00-12:00 noon	TTS 6
May 24	2:00- 5:00 p.m.	Political Science 12, 62
	7:00-10:00 p.m.	Religion 2, 2X
Friday	9:00-12:00 noon	MWF 3
May 25	2:00- 5:00 p.m.	MWF 5 and Naval Science
Saturday	9:00-12:00 noon	MWF 4
May 26	2:00- 5:00 p.m.	English 1 and 2
Monday	9:00-12:00 noon	MWF 6
May 28	2:00- 5:00 p.m.	MWF 1
	7:00-10:00 p.m.	Philosophy 48, 49
Tuesday	9:00-12:00 noon	MWF 2
May 29	2:00- 5:00 p.m.	History 2, 2X & 6
Wednesday	9:00-12:00 noon	All Language 2
May 30	2:00- 5:00 p.m.	Math 64

ENGINEERING COURSES, OTHER THAN ENGINEERING 2, WILL MEET FOR EXAMINATION AT THE REGULAR CLASS PERIODS.

Chemistry (except Chemistry 2) and Zoology classes meet for examination at the time scheduled for their general lecture period. ANY EXAMINATION NOT COVERED IN THE FOREGOING SCHEDULE IS TO BE ARRANGED BY THE INSTRUCTOR IN CHARGE OF THE COURSE IN THE PERIOD BEGINNING May 19, 9:00 a.m. AND ENDING May 30, 5:00 p.m. NO EXAMINATION IS TO BE GIVEN BEFORE 9:00 a.m., May 19, WITH THE EXCEPTION OF PHYSICAL EDUCATION. NO CHANGE IS TO BE MADE IN ANY SCHEDULED EXAMINATION WITHOUT THE APPROVAL OF THE COMMITTEE.

University Schedule Committee

WEEK OF
April 8-14, 1962

CALENDAR

WEEK OF
April 8-14, 1962

OF DUKE UNIVERSITY



Events of the Week

Sunday, April 8

Denominational Meetings. See special notice.

10:30-10:45 p.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: Reverend Professor Liston Pope, Dean of the Divinity School, Yale University. Sermon: "Jesus Took a Towel." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Student Organ and Voice Recital. Methodist Student Center.

Monday, April 9

3:00 p.m. The Final Examination of Mr. David Richard Anderson for the Ph.D. degree in Mathematics. Room 219 Physics Building.

3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:00 p.m. Engineering Faculty Council Meeting. Room 132 Engineering Building.

4:15 p.m. Zoology Seminar. Biological Sciences Auditorium. Speaker: Dr. Theodor von Brand.

4:30 p.m. Fallout Preparedness Committee Meeting. Trustee Boardroom, Allen Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:00 p.m. Lenten Vesper Service. Chapel, Second Floor, East Duke Building.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

8:00 p.m. Shakespeare Reading: "Antony and Cleopatra." Branson Hall.

8:15-9:30 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Tuesday, April 10

10:10 a.m. Divinity School Chapel Service. York Chapel. Professor Hugh Anderson.

3:00 p.m. Campus Club Tea. University House.

3:30 p.m. The final examination of Mr. Peter John Lloyd for the Ph.D. degree in Economics. Room 106B Social Science Building.

4:00 p.m. Linguistics Lecture. Room 208 Flowers Building. Speaker: Professor Hans Sperber.

4:15-6:00 p.m. Concert Band Rehearsal. Room 208 Asbury Building.

5:00 p.m. Gerontology Seminar. Room M110 Medical School. Speaker: Dr. Alfred D. Weiss.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15-6:00 p.m. Lenten Vesper Service Chapel. Second Floor, East Duke Building.
- 8:15 p.m. Student Clarinet Recital. Asbury Auditorium.
- 8:30 p.m. International Club Debate on the Arab-Israeli Conflict. Music Room, East Duke Building. Election of officers to precede at 7:30 p.m.

Wednesday, April 11

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Professor Hugh Anderson.
- 3:00 p.m. Varsity Golf: Duke versus North Carolina State. Duke Golf Course.
- 4:00 p.m. Botany Seminar. Biological Sciences Auditorium. Speaker: Mrs. Dorothy Mansfield-Jones.
- 4:00 p.m. Interdepartmental Seminar. Room 2031 Hospital. Speaker: Dr. Edward V. Evarts.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15-6:00 p.m. Lenten Vesper Service. Chapel, Second Floor, East Duke Building.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:00 p.m. Open-Hour Badminton. Women's Gymnasium. Open to faculty and students.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "THE LAVENDER HILL MOB" with Alec Guinness and Stanley Holloway. "A superior concoction of wit and farce"—*Time* Magazine. "A wild ride into a world of uproarious fantasy!"—*Saturday Review*.
- 8:15 p.m. Duke Concert Band Concert. Woman's College Auditorium.

Thursday, April 12

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Maurice Ritchie.
- 12:30 p.m. Literary Arts Luncheon. Old Trinity Room, West Campus Union.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 3:00 p.m. Literary Arts Reading: Peter Taylor. Music Room, East Duke Building.
- 4:00 p.m. Mathematics Seminar. Room 114 Physics Building. Speaker: Professor Samuel Eilenberg.
- 4:00 p.m. Undergraduate Faculty Council Meeting. Room 208 Flowers Building.
- 5:15-6:00 p.m. Lenten Vesper Service. Chapel, Second Floor, East Duke Building.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Literary Arts Panel. Music Room, East Duke Building.
- 8:15 p.m. Terpsichorean Spring Dance Concert. Woman's College Auditorium.

Friday, April 13

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Speakers: Professor Hugh Anderson and Mr. Tracy Maness.
- 12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.
- 4:00 p.m. Chemistry Seminar. Room 01 Chemistry Building. Speaker: Dr. C. G. Krespan.
- 4:15-6:00 p.m. Concert Band Rehearsal. Asbury Auditorium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages six-sixteen, may also swim; those twelve and under must be accompanied by their mothers.
- 5:15-6:00 p.m. Lenten Vesper Service. Chapel, Second Floor, East Duke Building.
- 5:30 p.m. Trinity College Historical Society Meeting. S & W Cafeteria, 501 West Chapel Hill Street. Speaker: Dr. Leo Gershoy.
- 7:30 p.m. International Club Folk Dancing. Ark, East Campus.
- 7:30 p.m. Marriage Seminar. Green Room, East Duke Building.
- 8:15 p.m. Senior Piano Recital: Jane Bowness. Music Room, East Duke Building.
- 8:15 p.m. Terpsichorean Spring Dance Concert. Woman's College Auditorium.

Saturday, April 14

- 1:30 p.m. Marriage Seminar. Green Room, East Duke Building.
- 2:00 p.m. Varsity Golf: Duke versus Navy. Duke Golf Course.
- 2:00 p.m. Varsity Lacrosse: Duke versus University of Georgia. Lacrosse Field.
- 3:30 p.m. International Club Picnic. Gate F., Duke Forest.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "THE LAVENDER HILL MOB" with Alec Guinness and Stanley Holloway. "A superior concoction of wit and farce"—*Time* Magazine. "A wild ride into a world of uproarious fantasy!"—*Saturday Review*.
- 8:15 p.m. Chamber Arts Society Concert: New York String Sextet. Music Room, East Duke Building.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor Liston Pope, Dean of the Divinity School, Yale University, will deliver the sermon at the University Service of Worship at 11:00 a.m. on Sunday, April 8th, in the University Chapel. His subject will be "Jesus Took a Towel." The order of worship follows:

Presiding Minister: The Reverend Howard C. Wilkinson,
Chaplain to the University
Organ Preludes—Prelude and Fugue in D minor *Pachelbel*
Chorale "So Now As We Journey, Bid our
Weak Endeavor" *Dupré*
Call to Worship—"Sanctus" from Mass II *Hassler*
Hymn—"For the Beauty of the Earth" *Conrad Kocher*
Prayer of Confession
Words of Assurance
The Lord's Prayer
Anthem—"Praise Ye the Lord, Our God" *Joseph Haydn*
Scripture—John 13:1-17
Hymn—"O Master, Let Me Walk With Thee" *H. Percy Smith*

Call to Prayer
The Pastoral Prayer of Thanksgiving, Intercession, Petition,
and Dedication
The Offering
Offertory Organ Interlude
Anthem—"O Great Is the Depth" *Mendelssohn*
Response—The Doxology
Prayer of Dedication
Sermon—"Jesus Took A Towel"
Prayer
Benediction
The Sevenfold Amen *Stainer*
The Chimes
Organ Postlude—Chaconne in D minor *Pachelbel*

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 6:30 P.M., Watts Street Baptist Church, Study of Romans. Wednesday, 6:00 P.M., Ark, East Campus, Dr. Thomas Langford—beginning a series on the Church in the University. April 14 and 15, Spring Retreat at Presbyterian Point; leaving circles on East and West Campuses at 2:00 P.M. on Saturday. Topic for retreat: "Jesus Christ—Good News About???" The message of the Church in the University, Speaker, Dr. Thomas Langford. Cost: \$3.00.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., Chapel Room, East Duke Building, East Campus.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Episcopal Center, Holy Communion; 5:30 P.M., Episcopal Center, Dr. H. P. Sullivan—"Death and Resurrection." Wednesday, 7:10 A.M. and 5:00 P.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room, East Duke Building, Chaplain will speak on, "Growing Pains and Religious Peace," continuing study group of Lutheran history and basic doctrines. Wednesday, 7:30 A.M., Holy Communion, Memorial Chapel of Duke Chapel.

METHODIST STUDENT FELLOWSHIP: Sunday, No study groups this Sunday because of Spring Retreat; 6:00 P.M., Methodist Center, Madrigal Singers presenting Persichetti's "Mass for Mixed Chorus;" Worship, James Fowler, preacher. Wednesday, 6:00 P.M., Holy Communion. The Wesley Players will present Eugene O'Neill's "The Iceman Cometh" at 7:30 P.M., Sunday, Monday, and Tuesday, April 15, 16, 17, and 18 at the Methodist Center. Thornton Penfield is the Director. Admission, \$1.00.

PRESBYTERIAN (WESTMINSTER FELLOWSHIP): Sunday, 9:00 A.M., Sunday School; 3:00 P.M., Westminster House, Religious Drama; 5:45 P.M., Westminster House, Student Supper.

STUDENT ORGAN AND VOICE RECITAL

The Department of Music will present an organ and voice recital by students of Mildred Hendrix and John Hanks on Sunday, April 8th, at 4:00 p.m. in the Methodist Student Center. The public is cordially invited to attend the recital. The program will be as follows:

Prelude and Fugue in D minor	<i>J. S. Bach</i>
from "Eight Little Preludes and Fugues"	Carol Smith
Voluntary in F	<i>Eric Thiman</i>
	Annette Brisendine
Toccata in C	<i>Pachelbel</i>
	Jerry Johnson
Prelude and Fugue in E minor (the Cathedral)	<i>J. S. Bach</i>
	Pat Davis
"Honor and Arms" from Samson	<i>Handel</i>
	Charles Michael Smith, Bass-Baritone
Prelude and Fugue in G minor	<i>Buxtehude</i>
	Emily Becton
Toccata and Fugue in D minor	<i>J. S. Bach</i>
	Stanley Bennett
Prelude and Fugue in F minor	<i>J. S. Bach</i>
	Judith Weingarth

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. David Richard Anderson for the Ph.D. degree in Mathematics will be held on Monday, April 9th, at 3:00 p.m. in Room 219 Physics Building. The subject of Mr. Anderson's dissertation is "On Nested Ordinal Recursive Functions and a Subrecursive Hierarchy." The committee to conduct the examination consists of Professors J. R. Shoenfield, J. H. Roberts, T. M. Gallie, Seth Warner, and Harold Lewis. Professor Shoenfield will preside.

ENGINEERING FACULTY COUNCIL MEETING

The Engineering Faculty Council will meet on Monday, April 9th, at 4:00 p.m. in Room 132 Engineering Building.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, April 9th, in the Biological Sciences Auditorium at 4:15 p.m. Dr. Theodor von Brand, Laboratory of Parasitic Diseases, National Institute of Health, Bethesda, Maryland, will speak on "The Metabolism of Trypanosomes." Coffee and tea will be served in the foyer at 4:00 p.m. preceding the seminar.

FALLOUT PREPAREDNESS COMMITTEE MEETING

The Duke University Fallout Preparedness Committee will meet on Monday, April 9th, at 4:30 p.m. in the Trustee Boardroom, Allen Building. All members are urged to be present.

LENTEN VESPERS

The University Religions Council is sponsoring a series of Lenten Vesper Services beginning Monday, April 9th, and continuing through Friday, April 13th. The services will be held each afternoon from 5:15 to 6:00 p.m. in the chapel on the second floor of East Duke Building. Student leaders will conduct the services, and Dr. W. D. White of the Department of Religion will be the speaker. The University Community is invited to participate in these services.

SHAKESPEARE READING

The students of English 124 and members of the faculty of the Department of English will present a reading of Shakespeare's "Antony and Cleopatra" in Branson Hall at 8:00 p.m. on Monday, April 9th. Among the participants are Mrs. Victor Michalak, Miss Winifred Healy, Messrs. William Tucker, Richard Quaintance, George Williams, Clay Hollister, and Garrett Schenck. The public is invited to attend.

CAMPUS CLUB TEA

"Holidays" will be the theme of an exhibit arranged by the Newcomers Club for the Campus Club Tea to be held from 3:00 to 5:00 p.m. on Tuesday, April 10th, at the University House. A brief business meeting will be conducted by Mrs. Ray C. Petry,

President. Hostesses for the event are Campus Club members from the Departments of Chemistry and Physics. Mrs. Marcus E. Hobbs is General Chairman for the Tea; the Exhibit Chairman is Newcomer Club member, Mrs. W. B. Wittels.

LINGUISTICS LECTURE

Emeritus Professor Hans Sperber, Department of German, Ohio State University, will present a lecture on "Words in Politics" on Tuesday, April 10th, at 4:00 p.m. in Room 208 Flowers Building. Professor Sperber is appearing under the auspices of the Interdepartmental Committee on Linguistics. The lecture is open to the public.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Peter John Lloyd for the Ph.D. degree in Economics will be held on Tuesday, April 10th, at 3:30 p.m. in Room 106B Social Science Building. The subject of Mr. Lloyd's dissertation is "Small Nation Trading: A Theoretical Analysis." The committee to conduct the examination consists of Professors Calvin B. Hoover, J. J. Spengler, C. E. Ferguson, R. S. Smith, and John C. McKinney. Professor Hoover will preside.

STUDENT CLARINET RECITAL

The Department of Music will present a student senior recital by Russell Jones, clarinetist, on Tuesday, April 10th, at 8:15 p.m. in Asbury Auditorium. Mr. Jones, a student of James Henry and a native of Cordova, North Carolina, will be assisted by Lydia Cantrell and Ruth Friedberg, pianists; William Moores, violist; and Marian Turner, violinist. The public is cordially invited to attend.

The program will be as follows:

Sonata in G minor	<i>Vivaldi</i>
Preludio-Andante	
Giga-Vivace	
Sarabanda-Largo	
Corrente-Allegro scherzando	
Trio, K. 498	<i>Mozart</i>
Andante	
Menuetto	
Rondo-Allegretto	
Sonata	<i>Hindemith</i>
I—Massig bewegt	
II—Lebhaft	
III—Sehr langsam	
IV—Kleines Rondo, gemächlich	

GERONTOLOGY SEMINAR

The Council on Gerontology will hold a seminar on "The Role and Importance of Sensory Functions in Aging" on Tuesday, April 10th, at 5:00 p.m. in Room M110 Medical School (at the west end of Duke Hospital, first floor). Dr. Alfred D. Weiss, Neurologist, National Institute of Mental Health, Massachusetts General Hospital, will address the open seminar. The University Community is invited to attend.

INTERNATIONAL CLUB DEBATE ON THE ARAB-ISRAELI CONFLICT

The International Club will hold a debate on the Arab-Israeli Conflict on Tuesday, April 10th, at 8:30 p.m. in the Music Room, East Duke Building. The speakers will be Fuad Shaban of Syria and Amiram Daniel of Israel. The moderator will be Dr. Harris Proctor, Department of Political Science. Members of the University Community are invited to attend.

A business meeting will precede at 7:30 p.m. for the election of officers.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, April 11th, at 4:00 p.m. in the Biological Sciences Auditorium. Mrs. Dorothy Mansfield-Jones, Department of Botany, will speak on "Vegetational Similarities in Homoclimates: Arizona and Australia."

Refreshments will be served in the foyer at 4:00 p.m.

INTERDEPARTMENTAL SEMINAR

The Interdepartmental Seminar on the Anatomical and Physiological Bases of Behavior will be held on Wednesday, April 11th, at 4:00 p.m. in Room 2031 Duke Hospital. Dr. Edward V. Evarts, Department of Physiology, will speak on "The Effects of Sleep on the Activity of Single Neurons."

DUKE CONCERT BAND SPRING CONCERT

The Spring Concert of the Duke Concert Band will be presented on Wednesday, April 11th, at 8:15 p.m. in the Woman's College Auditorium. The concert will open with Mr. Vincent Persichetti's discussion of his Symphony No. 6 followed by its performance by the Band under his leadership. Mr. Persichetti is the Mary Duke Biddle Lecturer-Composer. The Piano Concerto of Robert Schumann which follows will be performed by Alice Wilkinson

of the Department of Music. It will be the first performance of this concerto in its entirety with band as the accompanying medium. The second and third movements were prepared by James Henry of the Music Department and Lynn Chenault, a music major. The Symphony No. 3 by recent Mary Duke Biddle Lecturer Vittorio Giannini was commissioned and premiered by the Duke Concert Band in 1959.

Prior to the concert, at 7:15 p.m., Mr. Persichetti will deliver a pre-concert lecture discussing specific matters of Instrumentation and Voicing. He will comment on the band and its music in today's society. The Duke Concert Band will provide specific illustrations of the composer's style through a reading of portions of the following works for band:

Divertimento (1950), Opus 42

Psalm for Band (1951), Opus 53

Commissioned by Pi Kappa Omicron Fraternity
of University of Louisville

Pageant (1953), Opus 59

Commissioned by Edwin Frank Goldman through the
American Bandmasters Association

Symphony No. 6 for Band (1956), Opus 69

Commissioned by Washington University
Band in St. Louis

Serenade for Band, Opus 85

Commissioned by Ithaca High School Band

The program for the concert is as follows:

Symphony No. 6, Op. 69

Vincent Persichetti

Adagio-Allegro

Adagio sostenuto

Allegretto

Vivace

Conducted by the Composer

Concerto for Piano in A minor, Op. 54

Robert Schumann

arr. by William Bell, Lynn Chenault, and James Henry

Allegro affetuoso

Intermezzo-Andante grazioso

Allegro vivace

Soloist, Alice Wilkinson

Intermission

Symphony No. 3

Vittorio Giannini

(Commissioned by Duke University, 1959)

Allegro energico

Adagio

Allegretto

Allegro con brio

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Thursday, April 12th, at 4:00 p.m. in Room 114 Physics Building. Refreshments will be served at 3:30 p.m. in Room 132 Physics Building. Speaking will be Professor Samuel Eilenberg, Columbia University, on the topic "Modern, Modern Algebra."

LITERARY ARTS CELEBRATION

The fourth annual Literary Arts Celebration, sponsored by the Department of English and the ARCHIVE, student literary magazine, will be held on Thursday, April 12th. At 12:30 p.m., there will be a luncheon in the Old Trinity Room to honor the writers and critics participating in the Celebration. They are Peter Taylor, well-known short story writer and member of the English Department at Ohio State; John Allen, Professor of English at Hollins College, Virginia; Robert Watson, poet and Professor of English at Woman's College, University of North Carolina; and Donald Stanford, poet and Visiting Professor of English at Duke.

Beginning at 3:00 p.m. in the Music Room of East Duke Building, Peter Taylor will read from and discuss his work. Mr. Taylor is the author of several collections of stories, the most recent of which is **Happy Families Are All Alike**. In 1959, Mr. Taylor won first prize in the O. Henry Memorial Awards for his story, "Venus, Cupid, Folly, and Time."

At 8:15 p.m. in the Music Room, East Duke Building, a panel of writers and critics will discuss the student poems and stories in the ARCHIVE's Literary Celebration Issue.

Persons wishing to attend the luncheon should contact Miss Dorothy Roberts, Extension 2471.

UNDERGRADUATE FACULTY COUNCIL MEETING

The Undergraduate Faculty Council will meet at 4:00 p.m. on Thursday, April 12th, in Room 208 Flowers Building.

TRINITY COLLEGE HISTORICAL SOCIETY MEETING

The Trinity College Historical Society will meet at 5:30 p.m. on Friday, April 13th, at the S & W Cafeteria, 501 West Chapel Hill Street. Dr. Leo Gershoy will speak on "Some Problems of a Working Historian." The reputation of Leo Gershoy, one of the foremost authorities on the era of the French Revolution, is based on such works as **From Despotism to Revolution, 1763-1789**, **The French Revolution and Napoleon**, and **Bertrand Barere: A Reluctant Terrorist**. Dr. Gershoy will relate his discussion to the French Revolutionary milieu and to the challenge represented by its study. He received his Ph.D. from Cornell University and taught at Sarah Lawrence College before joining the faculty of New York University, where he has been professor of history since 1946.

Those who cannot attend the dinner are strongly urged to hear the address at 6:15 p.m. in the private dining room.

TERPSICHOREAN SPRING CONCERT

Terpsichorean, the modern dance club on campus, will present its annual spring concert at the Woman's College Auditorium on Thursday, April 12th, and Friday, April 13th, at 8:15 p.m. The University Community and the public are invited to attend without charge.

The program follows:

Nonconformity Choreography by Karen Gravelle
Music: "Will O' the Wisp" by Manuel de Falla

Musical Theater Satire Choreography by Jo Ann White
Music: "Join Us in a Little Cup of Tea" and

"Switchblade Bess" from SHOWGIRL by

Charles Gaynor

Kid Stuff Choreography by Dianne Doke
Music: "Danza Negra" by Percy Faith

"Haruno Umi" Choreography by Mia Bulgarin
and Barbara Burgen

Music: "Haruno Umi" by Michio Miyagi

Persistence of Memory Choreography by Jeanne Thompson
From "Persistence of Memory" by Salvador Dali

Intermission

Worship Service in Dance Choreography by Jo Ann White
Shadow Choreography by Jeanne Thompson

Music: "Nights in the Gardens of Spain"

by Manuel de Falla

CHEMISTRY SEMINAR

Dr. C. G. Krespan from the Chemical Research Department, E. I. duPont de Nemours and Company, will speak at the Chemistry Staff Seminar on Friday, April 13th, at 4:00 p.m. in Room 01 Chemistry Building. The subject will be "Chemistry of Fluorinated Acetylenes." All interested persons are invited to attend.

MARRIAGE SEMINAR

There will be a Marriage Seminar led by Mrs. Ethel Nash, Marriage Counselor and Professor of Preventive Medicine at Bowman-Gray Medical School, on Friday, April 13th, through Sunday, April 15th, for couples who are planning to be married in the next six to eight months. Three sessions will be held: 7:30 p.m. on Friday, April 13th; 1:30 p.m. on Saturday, April 14th; and 2:00 p.m. on Sunday, April 15th. All sessions are scheduled for the Green Room, East Duke Building. Registration is in advance in the University Chapel Office in the Basement, or the Religious Life Office, 110 Faculty Apartments. The cost per couple is \$1.50.

SENIOR PIANO RECITAL

The Department of Music will present a senior recital by Jane Bowness, pianist, on Friday, April 13th, at 8:15 p.m. in the Music Room, East Duke Building. Miss Bowness, a native of Black Mountain, North Carolina, is a student of Loren Withers. The public is cordially invited to attend the recital. The program will be as follows:

Prelude and Fugue in C \sharp minor, *Well-Tempered Clavier* Bach
Sonata in E flat major, Op. 31, No. 3 Beethoven
Allegro
Scherzo
Menuet
Presto con fuoco
Visions Fugitives, Op. 2 Prokofieff
No. 1—Lentamente
No. 4—Animato
No. 10—Ridicolosamente
Scherzo in B flat minor, Op. 31 Chopin

CHAMBER ARTS SOCIETY NEW YORK STRING SEXTET

The New York String Sextet will give the sixth and final concert for the Chamber Arts Society on Saturday, April 14th, at 8:15 p.m. in the Music Room, East Duke Building. Members of the Sextet are Renato Boracini, violin; Kees Kooper, violin; Paul Doktor, viola; Clifford Richter, viola; Janos Scholz, 'cello; and George Koutzen, 'cello. The program is as follows:

Preludium for String Sextet (1961) Vincent Luzzi
Verklaerte Nacht (Transfiguration Night) Schoenberg
Quintet in C major Schubert
Opus 163

Approximately sixty guest cards, priced at \$2.50, will be available at the door.

FACULTY-STAFF GOLF TOURNAMENT

A thirty-six hole golf tournament will be sponsored by the Faculty Club, to be played on Saturdays or Sundays from April 14th through May 13th. The entrance fee is \$1.00, and the green fees are \$1.00 per round. Registration closes Tuesday, April 10th. Entries should be submitted to J. H. Phillips, Room 109 Gray Building. The Arrangements Committee consists of Jay Phillips, chairman; John Alden; Charles Frenzel; Ransom Patrick; and Coach Hagler.

ADVANCE NOTICE JOINT SENIOR RECITAL

The Department of Music will present a joint senior recital by Judith Hock, flutist, and Michael

Greene, clarinetist, on Sunday, April 15th, at 4:00 p.m. in the Music Room, East Duke Building. Miss Hock, a native of Genoa, Ohio, and Mr. Greene, a native of Edgewater, Maryland, will be assisted by William Martin and Billie Godwin, pianists. The public is cordially invited to attend.

The program is as follows:

Sonata No. 2 in E flat J. S. Bach
Allegro moderato
Siciliano
Allegro
Miss Hock and Mr. Martin
Poem Charles T. Griffes
Miss Hock and Mrs. Martin
Intermission
Three Pieces for Clarinet Solo Igor Stravinsky
Mr. Greene
Fantaisie Philippe Gaubert
Mr. Greene and Miss Godwin

ADVANCE NOTICE DURHAM CIVIC CHORAL SOCIETY'S ANNUAL SPRING CONCERT

For the third consecutive year, the Durham Civic Choral Society will present its annual spring concert with the Raleigh Oratorio Society. Performances of Beethoven's *Mass in C* and Handel's *Zadok the Priest* are scheduled for Sunday, April 15th, at Meredith College, Raleigh, and on Monday, April 16th, at the Woman's College Auditorium, East Campus. The public is cordially invited to attend the performances, beginning at 8:15 p.m., without charge.

ADVANCE NOTICE SPECIAL MEETING OF THE UNIVERSITY FACULTY

The University Faculty will meet in special session in the Auditorium of the Biological Sciences Building on Thursday, April 19th, at 4:00 p.m. The agenda will include consideration of the proposed new degree in Hospital Administration and the report of the Committee on Faculty Organization.

ADVANCE NOTICE BENJAMIN N. DUKE ART LECTURE

The third Benjamin N. Duke Lecture in Art will be presented by Dr. Julius Held, Professor of Art History, Barnard College and Columbia University, on Thursday, April 19th, at 8:30 p.m. in the Music Room, East Duke Building. Dr. Held will speak on "Alterations and Multilations of Works of Art."

**ADVANCE NOTICE
FACULTY PIANO RECITAL**

Loren Withers, Associate Professor, Department of Music, will present a recital in Page Auditorium on Friday, April 20th, at 8:15 p.m. His program will include works by Mozart, Brahms, and Chopin and will feature a repeat performance of Mussorgsky's "Pictures At An Exhibition." The public is cordially invited to attend.

FULBRIGHT AWARDS FOR 1963-64

Applications for Fulbright Awards for 1963-64 are being accepted until April 15th. In some instances they will be considered until the vacancies are filled. The areas are Latin America, Australia, New Zealand, South and Southwest Asia. These cover university lecturing and advanced research.

**1962 UNDERGRADUATE
STUDENT BOOK COLLECTORS CONTEST**

The Friends of Duke University Library and the Gothic Bookshop, joint sponsors of the 1962 Student Book Collectors Contest, are offering prizes of \$100, \$60, and \$40 for the best personal book collections acquired by students while in college.

Winners will be determined by a committee of three

faculty members, on the basis of book lists submitted and brief personal interviews. Judges of the 1962 contest will be Professors S. K. Heninger, Jr., Theodore Ropp, and Earl G. Mueller.

Neither the number nor the monetary value of the student's books is of primary importance, but rather the student's knowledge of his own library. Each collection must have a conscious focus and show discriminating selection. Textbooks may be included only if they represent voluntary selection on the student's part.

The contest is open to all undergraduates.

If the first-prize winner is a member of the senior class, he will be eligible to compete for the Amy Loveman National Award of \$1000, offered by the Women's National Book Association, The Book-of-the-Month Club, and the Saturday Review.

Further information may be obtained from Thomas M. Simkins, Jr., in the Rare Book Room of the General Library, West Campus.

The date for submitting entries is April 12th.

**ADVANCE NOTICE
GRADUATE GERMAN EXAMINATIONS**

The German examinations for candidates for graduate degrees will be given April 30th-May 5th. Candidates should register in the Graduate School Office for these examinations not later than April 18th.

WEEK OF
April 15-21, 1962

CALENDAR

WEEK OF
April 15-21, 1962

OF DUKE UNIVERSITY



Events of the Week

Sunday, April 15

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. McMurry S. Richey, Associate Professor of Theology and Christian Nurture, The Divinity School. Sermon: "Pilate's Wash Basin—and Christ's." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Joint Senior Recital: Judith Hoek, flutist, and Michael Greene, clarinetist. Music Room, East Duke Building.

7:30 p.m. Wesley Players Production: "The Iceman Cometh." Methodist Student Center.

Monday, April 16

3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:15 p.m. Zoology Seminar. Biological Sciences Auditorium. Speaker: Dr. George Brecher.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

6:00 p.m. Naval Reserve Research Company 6-6 Meeting. Naval Reserve Training Center. Speaker: Mr. Richard McGee.

7:30 p.m. Wesley Players Production: "The Iceman Cometh." Methodist Student Center.

8:15 p.m. Durham Civic Choral Society Annual Spring Concert. Woman's College Auditorium.

8:15 p.m. Student Union Major Speakers Series: Norman Thomas. Page Auditorium.

8:15-9:30 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Tuesday, April 17

10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Professor O. K. Ingram.

11:30 a.m. Engineering College Faculty Meeting. Room 140 Engineering Building.

2:00 p.m. The Final Examination of Mr. Henry S. Pennypacker, Jr. for the Ph.D. degree in Psychology. Room 204 Bivins Building.

3:00 p.m. Varsity Tennis: Duke versus University of North Carolina. Tennis Courts.

3:30 p.m. U.R.C. Journalism Seminar. Speaker: Dr. Richard T. Baker.

4:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 265 Phillips Hall, Chapel Hill. Speaker: Dr. Aaron Temkin.

4:00 p.m. Special Botany Seminar. Room 111 Biological Sciences Building. Speaker: Dr. Warren H. Wagner.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 4:15-6:00 p.m. Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:30 p.m. Wesley Players Production: "The Iceman Cometh." Methodist Student Center.
- 8:15 p.m. Duke Madrigal Singers Spring Concert. Music Room, East Duke Building.

Wednesday, April 18

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Mr. J. P. Floyd.
- 2:30-5:00 p.m. Interviews for Woman's College Scholarships. Green Room, East Duke Building.
- 4:00 p.m. Botany Seminar. Biological Sciences Auditorium. Speaker: Miss Patricia Raud.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "THE BLUE ANGEL" with Marlene Dietrich and Emil Jannings in the original version—German, English subtitles. The 1930 German film classic directed by Josef Von Sternberg, with original story by Heinrich Mann.
- 7:30 p.m. Wesley Players Production: "The Iceman Cometh." Methodist Student Center.

Thursday, April 19

- 9:00 a.m. The Final Examination of Mr. David Vance Martin for the Ed.D. degree in Education. Room 08A, West Duke Building.
- 10:10 a.m. Divinity School Chapel Service. York Chapel. Holy Communion. Celebrant: Professor John J. Rudin, II.
- 12:45 p.m. Phi Beta Kappa Fraternal Luncheon. Union Ballroom, East Campus.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 2:00 p.m. The Final Examination of Mr. Robert M. McConnell for the Ph.D. degree in Mathematics. Room 219 Physics Building.
- 2:30-5:00 p.m. Interviews for Woman's College Scholarships. Green Room, East Duke Building.
- 3:00 p.m. Varsity Golf: Duke versus University of Georgia. Duke Golf Course.
- 3:30 p.m. The Final Examination of Mr. Wesley H. Wallace for the Ph.D. degree in History. Room 234 Allen Building.
- 4:00 p.m. Special Meeting of the University Faculty. Biological Sciences Building Auditorium.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:00 p.m. Military Panel Discussion. Room 208 Flowers Building.

- 7:30 p.m. Maundy Thursday Holy Communion Service. University Chapel. Preacher: Dean James T. Cleland.
- 8:00 p.m. Sigma Xi Public Lecture: Dr. Lewis E. Audersou. Biological Sciences Lecture Room.
- 8:00 p.m. Wesley Players Seminar: "The Iceman Cometh." Dr. Riddel, Moderator. Room 208 Flowers Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:30 p.m. Benjamin N. Duke Art Lecture: Dr. Julius Held. Music Room, East Duke Building.

Friday, April 20

- Woman's College Parents' Weekend. See special notice.
- 10:10 a.m. Divinity School Chapel Service. York Chapel. Presentation of deVictoria's "The Passion According to St. Matthew," by the Divinity School Choir.
- 12:00 N.-3:00 p.m. Good Friday Crucifixion Service. University Chapel.
- 12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.
- 2:00 p.m. Varsity Golf: Duke versus University of Maryland. Duke Golf Course.
- 3:00 p.m. Varsity Baseball: Duke versus Florida State University. Coombs Field.
- 4:15-6:00 p.m. Concert Band Rehearsal. Asbury Auditorium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages six-sixteen, may also swim; those twelve and under must be accompanied by their mothers.
- 5:30 p.m. International Club Dinner and Dance. Men's Graduate Center.
- 8:15 p.m. Music Faculty Recital: Loren Withers, pianist. Page Auditorium.

Saturday, April 21

- 2:00 p.m. Varsity Lacrosse: Duke versus University of Massachusetts. Lacrosse Field.
- 2:30 p.m. Varsity Baseball: Duke versus Florida State University. Coombs Field.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "THE BLUE ANGEL" with Marlene Dietrich and Emil Jannings in the original version—German, English subtitles. The 1930 German film classic directed by Josef Von Sternberg, with original story by Heinrich Mann.
- 8:15 p.m. Women's Glee Club Concert. Woman's College Auditorium.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. McMurry S. Richey, Associate Professor of Theology and Christian Nurture, The Divinity School, will deliver the sermon at the University Service of Worship at 11:00 a.m. on Sunday, April 15th, in the University Chapel. His subject will be "Pilate's Wash Basin—and Christ's." The order of worship follows:

Presiding Minister: The Reverend Howard C. Wilkinson,
Chaplain to the University

Organ Prelude—Concerto No. I in G *Bach*
Allegro, Grave, Presto

Call to Worship—"Sanctus" from Mass II *Hassler*

Hymn—"Joyful, Joyful, We Adore Thee"
Ludwig van Beethoven

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Rex Tremendae" from Requiem Mass *Mozart*

Scripture—Matthew 27:1-2; 11:26

Hymn—"All Glory, Laud, and Honor" *Melchior Teshner*

Call to Prayer

The Pastoral Prayer of Thanksgiving, Intercession, Petition,
and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Sanctus" from Requiem Mass *Mozart*

Response—The Doxology

Prayer of Dedication

Sermon—"Pilate's Wash Basin—and Christ's"

Prayer

Benediction

The Sevenfold Amen *Stainer*

The Chimes

Organ Postlude—Litanies *Alain*

DENOMINATIONAL ANNOUNCEMENTS

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., Chapel, East Duke Building.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Episcopal Center, Holy Communion; 5:30 P.M., talk by Dr. Herbert P. Sullivan on "The Resurrection of the Body." Monday through Friday, Holy Communion at 7:10 A.M. and 5:15 P.M., each day. Saturday, Easter Midnight Communion, 11:30 P.M.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room, East Duke Building, L. S. A. meeting. Speaker, Chaplain George W. Shuford. Topic: "Lutherans and Sacraments." Wednesday, 7:30 A.M., Holy Communion celebrated in the Memorial Chapel of Duke Chapel.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Methodist Center, Study Groups. 6:00 P.M., Worship. Wednesday, 6:00 P.M., Holy Communion.

WESTMINSTER (PRESBYTERIAN) FELLOWSHIP: Sunday, 6:15 P.M., Westminster House, Vespers, followed by a very important meeting of all Presbyterian students, for the purpose of electing officers for Westminster Fellowship for the coming year.

UNITARIAN FELLOWSHIP: Sunday, 7:30 P.M., at the home of Professor and Mrs. Lucius Bigelow, 131 Pinecrest Road. Subject of discussion: "A Unitarian Looks at Religious Nomenclature."

JOINT SENIOR RECITAL

The Department of Music will present a joint senior recital by Judith Hock, flutist, and Michael Greene, clarinetist, on Sunday, April 15th, at 4:00 p.m. in the Music Room, East Duke Building. Miss Hock, a native of Genoa, Ohio, and Mr. Greene, a native of Edgewater, Maryland, will be assisted by William Martin and Billie Godwin, pianists. The public is cordially invited to attend.

The program is as follows:

Sonata No. 2 in E flat *J. S. Bach*

Allegro moderato

Siciliano

Allegro

Miss Hock and Mr. Martin

Poem *Charles T. Griffes*

Miss Hock and Mrs. Martin

Intermission

Three Pieces for Clarinet Solo *Igor Stravinsky*

Mr. Greene

Fantaisie *Philippe Gaubert*

Mr. Greene and Miss Godwin

WESLEY PLAYERS PRODUCTION "THE ICEMAN COMETH"

Eugene O'Neill's play, "The Iceman Cometh," will be presented by the Wesley Players at the Methodist Student Center, beginning at 7:30 p.m. on each of the following nights: Sunday, April 15th; Monday, April 16th; Tuesday, April 17th; and Wednesday, April 18th. Thornton Penfield, Jr. is director of the play. Admission is \$1.00, and the public is cordially invited to attend.

A seminar on "The Iceman Cometh" will be sponsored by the YWCA Arts Committee. To be moderated by Dr. Riddel, the seminar will be given on Thursday, April 19th, at 8:00 p.m. in Room 208 Flowers Building. The public is cordially invited to attend.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, April 16th, in the Biological Sciences Auditorium at 4:15 p.m. Dr. George Brecher, Chief of Hematology Service, National Institute of Health, Bethesda, Maryland, will speak on "Lymphocytes: Experimental Studies of Life Span and *in vitro* Culture." Dr. Brecher's recent investigations have included morphologic studies of leukemia with a variety of techniques including electron microscopy. His studies have contributed to the knowledge of the life span of the lymphocyte and the transformation of lymphocytes into dividing and antibody forming cells. Dr. Brecher introduced phase microscopy for the counting of platelets and suggested improved procedures for reticulocyte studies. By his careful evaluation of methods, he has contributed materially to the acceptance of electronic cell sizing and counting.

Coffee and tea will be served in the foyer at 4:00 p.m.

NAVAL RESERVE RESEARCH COMPANY 6-6 MEETING

Naval Reserve Research Company 6-6 will meet on Monday, April 16th, at 6:00 p.m. at the Naval Reserve Training Center, 724 Foster Street, Durham. The program features Mr. Richard McGee, Director, U. S. Army Junior Science and Humanities Symposia. His topic will be "The Junior Science Symposium." The membership of this unit consists mostly of Naval Reserve officers who are graduate students and faculty members of the three area universities. All Naval Reserve Officers of the University Community are invited to attend and consider affiliating with this unit.

DURHAM CIVIC CHORAL SOCIETY ANNUAL SPRING CONCERT

For the third consecutive year, the Durham Civic Choral Society will present its Annual Spring Concert with the Raleigh Oratorio Society. Performances are scheduled for Durham on Monday, April 16th, at 8:15 p.m. in the Woman's College Auditorium and for Raleigh on Sunday, April 15th, at Meredith College.

The combined choruses of over 100 voices will present Beethoven's "Mass in C" and Handel's "Zadok the Priest" (Coronation Anthem). Soloists who will be heard in the Durham presentation of the Mass are Afrika Hayes and Leslie Holmes, sopranos; Demaris Hipps, contralto; Allan Parrent, tenor (all from the Durham Civic Choral Society); and Joseph Bouchard, bass, from the Raleigh group.

The Triangle Little Symphony will accompany the

group as usual. Paul R. Bryan of the Department of Music will conduct the Durham performance, and Edwin Blanchard of Meredith College will conduct in Raleigh.

No admission will be charged; members of the University Community are cordially invited to attend.

STUDENT UNION MAJOR SPEAKERS SERIES NORMAN THOMAS

The Educational Affairs Committee of the Student Union announces an address by Norman Thomas on Monday, April 16th, at 8:15 p.m. in Page Auditorium. The address, entitled "The Feasibility of Peace," is another in the Major Speakers Series.

Socialist crusader Norman Thomas was born in Marion, Ohio, in 1884. After being ordained upon graduation from Union Theological Seminary, he was given a parish in East Harlem. With the outbreak of World War I, Thomas, a member of the American Union Against Militarism, resigned from his parish and joined the Socialist Party. Fighting for free speech and the Socialist Party, Mr. Thomas ran for the Presidency six times between 1928 and 1948. Since then, he has fought for world disarmament, being a member of the League for Industrial Democracy and the National Committee for a Sane Nuclear Policy.

Members of the University Community are invited to hear Mr. Thomas' address on Monday evening.

ENGINEERING COLLEGE FACULTY MEETING

The Engineering College Faculty will meet on Tuesday, April 17th, at 11:30 a.m. in Room 140 Engineering Building.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Henry S. Pennyacker, Jr. for the Ph.D. degree in Psychology will be held on Tuesday, April 17th, at 2:00 p.m. in Room 204 Bivins Building. The subject of Mr. Pennyacker's dissertation is "External Inhibition of the Conditioned Eyelid Reflex." The committee to conduct the examination consists of Professors Gregory A. Kimble, Sigmund Koch, C. Alan Boneau, Norman Guttman, and Leonard Carlitz. Professor Kimble will preside.

U.R.C. JOURNALISM SEMINAR

On Tuesday, April 17th, a Journalism Seminar will be conducted under the auspices of the Special Observances Committee of the University Religious Council. The leader of the seminar will be Dr. Richard T. Baker, Professor of Journalism in the Pulitzer Faculty of the Graduate School of Journalism, Columbia University. A distinguished journalist, Dr. Baker will deal with ethical aspects of writing. All persons who are interested in exploring religious journalism or the ethical aspects of journalism are cordially invited to register for the seminar by contacting the Chapel Office. Sessions will begin at 3:30 p.m. and end by 9:30 p.m.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The Joint Duke-U.N.C. Physics Colloquium will meet on Tuesday, April 17th, at 4:00 p.m. in Room 265 Phillips Hall, Chapel Hill. The speaker will be Dr. Aaron Temkin of NASA Goddard Space Flight Center. The topic will be "Electron-Atom Scattering."

Tea and coffee will be served in the lounge at 3:30 p.m.

SPECIAL BOTANY SEMINAR

Dr. Warren H. Wagner, Department of Botany, University of Michigan, will present a special seminar in Room 111 Biological Sciences Building at 4:00 p.m. on Tuesday, April 17th. Dr. Wagner will speak on "Problems of Evolutionary Deduction."

Refreshments will be served in the foyer at 4:00 p.m.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, April 18th, at 4:00 p.m. in the Biological Sciences Auditorium. Miss Patricia Rand, Department of Botany, will speak on "Theme and Variations in Some Minnesota Plant Communities."

Refreshments will be served in the foyer at 4:00 p.m.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. David Vance Martin for the Ed.D. degree will be held on Thursday, April 19th, at 9:00 a.m. in Room 08A West Duke Building. The subject of Mr. Martin's dissertation is "Trends in Tort Liability of School Districts as Revealed by Court Decisions." The committee to conduct the examination consists of Professors E. C. Bolmeier, Olan Petty, W. A. Stumpf, Allan S. Hurlburt, and Arlin Turner. Professor Bolmeier will preside.

DUKE MADRIGAL SINGERS SPRING CONCERT

On Tuesday evening, April 17th, the Duke Madrigal Singers will present "Music Sacred and Secular—Baroque and Contemporary" at 8:15 p.m. in the Music Room, East Duke Building. A Bach motet and the Persichetti Mass comprise the first half of the program, while Baroque madrigals of Monteverdi and contemporary choruses by Samuel Barber constitute the latter half. An unusual addition to the program will be the presentation of ballads with guitar by Norbert Artzt of the Madrigal group.

The Madrigal Singers, accompanied by Alice Wilkinson, harpsichordist of the Department of Music, and Martha Jane Gilreath, 'cello coutiuuo, will present solo and ensemble pieces by Claudia Bray, Elender Deunis, Nancy Lassiter, Katrina Sutton, Edwina Tart, David Huggin, Don Milholland, and Alan Clugston. The Madrigal Singers, composed of twenty-two voices, are directed by Eugenia Saville of the Department of Music. The Harpsichord is lent by courtesy of Dr. Arthur Larson.

The program follows:

Motet VI (Psalm 117) Lobet den Herrn, Alleluia *J. S. Bach*
Mass for Mixed Chorus, Opus 84 *Vincent Persichetti*

Kyrie

Gloria

Credo

Sanctus

Agnus Dei

Baroque Madrigals

So ben mi ch'a bon tempo

Orazio Vecchi

Mi sfidate

Ruggiero Giovannelli

T'amo mia vita

Claudio Monteverdi

Lumi miei cari

Monteverdi

Rossignuol

Monteverdi

Ecco mormorare l'onde

Monteverdi

Ballads with guitar

The Three Ravens

I Will Give My Love an Apple

Strawberry Fair

Mary Hamilton

Contemporary Choruses

Reincarnations, Opus 16

Samuel Barber

Mary Hynes

Anthony O Daly

The Coolin

PHI BETA KAPPA FRATERNAL LUNCHEON

Phi Beta Kappa will hold its second Fraternal Luncheon on Thursday, April 19th, at 12:45 p.m. in the Union Ballroom, East Campus. The charge will be \$.75 for those who do not eat regularly in the East Campus Union. All faculty and student members, including those who have been elected but not initiated, are cordially invited to attend. There will be no program, and members may leave when they wish.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Robert M. McConnel for the Ph.D. degree in Mathematics will be held on Thursday, April 19th, at 2:00 p.m. in Room 219 Physics Building. The subject of Mr. McConnel's dissertation is "Pseudo-Ordered Polynomial Over a Finite Field." The committee to conduct the examination consists of Professors L. Carlitz, J. H. Roberts, J. R. Shoenfeld, S. L. Warner, and D. S. Onley. Professor Carlitz will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Wesley H. Wallace for the Ph.D. degree in History will be held on Thursday, April 19th, at 3:30 p.m. in Room 234 Allen Building. The subject of Mr. Wallace's dissertation is "The Development of Broadcasting in North Carolina, 1922-1948." The committee to conduct the examination consists of Professors Robert H. Woody, Harold Parker, Richard Watson, Theodore Ropp, and Allan Sindler. Professor Woody will preside.

SPECIAL MEETING OF THE UNIVERSITY FACULTY

The University Faculty will meet in special session in the Auditorium of the Biological Sciences Building on Thursday, April 19th, at 4:00 p.m. The agenda will include consideration of the proposed new degree in Hospital Administration and the report of the Committee on Faculty Organization.

MILITARY PANEL DISCUSSION

On Thursday, April 19th, at 7:00 p.m. in Room 208 Flowers Building, there will be a Military Panel Discussion of opportunities open in the Armed Services for non-ROTC college graduates. Representatives of the Army, Navy, Air Force, and Marine Corps will each give a short presentation of their various officer programs. The panel will then be opened for questions from those attending. The purpose of this panel discussion is to attempt to clear up many of the questions—and, in many cases, some rumors—as to the military service requirements facing college graduates and to present some ways in which the requirements can be fulfilled.

HOLY WEEK AND EASTER SERVICES

Maundy Thursday

The traditional Maundy Thursday Holy Communion service will be celebrated April 19, beginning at 7:30 o'clock, in the Duke Chapel. Historically, this approximates the actual time when our Lord instituted this sacrament. The Celebrant will be the Reverend Howard C. Wilkinsou, Chaplain to the University. The preacher who is scheduled to deliver the sermon is the Reverend Professor James T. Cleland, Dean of the Chapel. The Chapel Choir will furnish musical leadership for the service, under the direction of Professor Paul Young, Director of Coral Activities. The University community and the public are invited to attend.

Good Friday Crucifixion Service

The Three-Hour Crucifixion Service will be conducted in the Duke Chapel, on Friday, April 20, beginning at 12:00 o'clock noon, and ending at 3:00 P.M. Services of Worship within the over-all Crucifixion theme will be conducted around the "Seven Last Words of Christ from the Cross." The seven speakers who are scheduled to deliver meditations based upon these words, and the order in which they come are as follows:

First Word—Dr. Harris Proctor, Political Science

Second Word—The Reverend William Scott,
Congregational Minister

Third Word—Dr. Scott Gehman, Education-
Psychology

Fourth Word—Dr. Charles Vail, Engineering

Fifth Word—Dean Barnes Woodhall, Medicine

Sixth Word—Mr. Carl James, Athletics

Seventh Word—Mr. Paul Hardin, III, Law

Special music will be presented for each "Word," under the direction of Mr. William E. Waters, Assistant Director of Choral Activities. The following will participate in the presentation of the music: The Men's Chorus and the Women's Chorus, The Quartette, and the following soloists: Leslie Holmes, Virginia Johnson, Allen Parrent, Byung Kwon. Worshipers are invited to remain for the entire three-hour period, or they may come when possible and depart when necessary.

Easter Sunrise Service

The Special Observances Committee of the Duke University Religious Council is sponsoring a Sunrise Service on Easter Day, beginning at 7:00 A.M., in the Sarah P. Duke Memorial Gardeus. The preacher who is scheduled to deliver the sermon is the Reverend William C. Bennett, Minister of the Trinity Avenue Presbyterian Church, Durham. In case of rain, the service will be moved to York Chapel, in the Divinity School.

Easter Services in the Chapel

Identical services in the Duke Chapel will be conducted at 9:00 and 11:00 A.M. on Easter Sunday. The preacher who is scheduled to deliver the Easter meditation at both services is the Reverend Professor James T. Cleland, Dean of the Chapel. Special Easter music will be presented by the Chapel Choir, under the direction of Professor Paul Young.

SIGMA XI PUBLIC LECTURE

On Thursday, April 19th, at 8:00 p.m. the Duke University Chapter of Sigma Xi will present a public lecture in the Biological Sciences Lecture Room. Dr. Lewis E. Anderson, Professor of Botany, will give an illustrated talk on "Identification of Sex Chromosomes in Interphase Nuclei of Mosses." Dr. Anderson, at Duke since 1936, has pioneered chromosome studies in this country in mosses and is currently investigating the cyto-taxonomy of these plants. Preceding the lecture, election of officers for next year will take place.

BENJAMIN N. DUKE ART LECTURE: DR. JULIUS HELD

The third Benjamin N. Duke Lecture in Art will be presented by Dr. Julius Held, Professor of Art History at Barnard College and Columbia University, on Thursday, April 19th, at 8:30 p.m. in the Music Room, East Duke Building. The lecture has been made possible by the support of the Mary Duke Biddle Foundation and has been arranged by the Department of Art. Dr. Held will speak on "Alterations and Mutilations of Works of Art." The lecture will be illustrated with slides. An informal reception honoring Dr. Held will follow the lecture. Members of the University Community are cordially invited to attend.

PLEASE NOTE: In order to give those attending Lenten Services in the Chapel time to commute to East Duke Building, this lecture will begin at 8:30 p.m., fifteen minutes later than originally announced.

DIVINITY SCHOOL CHOIR PRESENTATION "THE PASSION ACCORDING TO ST. MATTHEW"

The Divinity School Choir, under the direction of Professor John Hanks, will present "The Passion According to St. Matthew," by Tomas L. deVictoria in York Chapel on Good Friday, April 20th, at 10:10 a.m. Divinity School students taking solo parts are S. T. Kimbrough, Jr., Douglass Gilbert, George Mullinix, Tracy Maness, Robert Morgan, Thomas Danek, Robert Carter, and Robert McBride. Miss Helen Kendall is the Chapel Organist. The University Community and general public are invited to attend.

INTERNATIONAL CLUB DINNER AND DANCE

The International Club will have its last dinner meeting in the Men's Graduate Center Dining Hall at 5:30 p.m. on Friday, April 20th. The president will give a report on the Club's activities for the year and introduce the incoming president and cabinet. A

dance will follow the dinner until 11:00 p.m. Members of the University Community are cordially invited to attend.

MUSIC FACULTY RECITAL LOREN WITHERS, PIANIST

The Department of Music will present a recital by Loren Withers, pianist, on Friday, April 20th at 8:15 p.m. in Page Auditorium. The public is cordially invited to attend. The program will feature a repeat performance of Mussorgsky's "Pictures at an Exhibition."

The program follows:

Sonata in C, K.330	<i>Mozart</i>
Allegro moderato	
Andante cantabile	
Allegretto	
Intermezzo in A minor, Op. 76, No. 7	
Intermezzo in A-flat, Op. 76, No. 3	<i>Brahms</i>
Capriccio in B minor, Op. 76, No. 2	
Etude in C-sharp minor, Op. 25, No. 7	
Etude in G-sharp minor, Op. 25, No. 6	<i>Chopin</i>
Scherzo in C-sharp minor, Op. 39	

Intermission

Pictures at an Exhibition	<i>Mussorgsky</i>
Promenade	
The Gnome	
Promenade	
The Old Castle	
Promenade	
Children at Play	
The Ox-Cart	
Promenade	
Ballet of Unhatched Chicks	
Rich and Poor	
The Market Place	
In the Catacombs	
The Old Witch of Baba Yaga	
The Great Gate at Kiev	

ADVANCE NOTICE EASTER MUSIC

The Department of Music invites your participation in the celebration of the Easter season through a service of music at 4:00 p.m., Easter Sunday afternoon, April 22nd. An oratorio for Easter vespers has been composed by Professor William Klenz specifically for this service. A student chorus, brass choir with organ, and John Hanks, tenor soloist, will perform the work. The Duke Madrigal Singers, conducted by Eugenia Saville will present the Bach cantata, "Lobet den herrn." A brass choir conducted by Paul Bryan will also participate in the service. The University Community is cordially invited to attend.

WOMAN'S COLLEGE PARENTS' WEEKEND

The annual Woman's College Parent-Daughter Weekend, sponsored by the YWCA, will be held on Friday, Saturday, and Sunday, April 20th, 21st, and 22nd. The schedule of events is as follows:

Friday, April 20

Coffees in each dormitory for parents, faculty, and students.

Saturday, April 21

11:30 a.m. Panel Discussion: "What is the Place of Religion at Duke?" Music Room, East Duke Building.

1:00 p.m. Luncheon. Woman's College Union.

3:30-5:30 p.m. Garden Party. Sarah P. Duke Memorial Gardens.

8:15 p.m. Women's Glee Club Concert. Woman's College Auditorium.

Sunday, April 22

9:00 and 11:00 a.m. University Service of Worship. University Chapel. Preacher: Dean James T. Cleland.

WOMEN'S GLEE CLUB CONCERT

The Women's Glee Club will conclude its spring concert tour of eastern North Carolina with a concert in Woman's College Auditorium on Saturday, April 21st, at 8:15 p.m. under the direction of Paul Young, Director of Choral Activities. The group will be accompanied by William E. Waters, Assistant Director.

The sixty vocalists will follow the Duke choral tradition of "something for everyone," including such numbers as Brahms' "Psalm XIII" and "Valse Nobles" by Franz on to Negro spirituals such as "Hard Trials" and musical comedy numbers including the well-known "It's A Grand Night For Singing." Admission will be \$1.00; tickets may be obtained by calling 681-0111, Extension 3898 or at the door.

ADVANCE NOTICE LECTURES ON THE INTERPRETATION OF AERIAL PHOTOGRAPHS

Professor Robert N. Colwell of the University of California will present a series of lectures on the interpretation of aerial photographs at the School of Forestry on Monday and Tuesday, April 23rd and 24th. These are sponsored by the National Science Foundation and the Society of American Foresters.

ADVANCE NOTICE GRADUATE GERMAN EXAMINATION

The German Examinations for candidates for graduate degrees will be given on April 30th through May 5th. Candidates should register in the Graduate School Office for this examination not later than April 18th.

LAST LECTURE COPIES

Copies of an address delivered by Dr. Thomas Cordle, Department of Romance Languages, in the "Last Lecture Series" sponsored by the Educational Affairs Committee of the Student Union, are available in Room 207 Flowers Building. The title of the address is "Literature and Existence."

WEEK OF
April 22-28, 1962

CALENDAR

WEEK OF
April 22-28, 1962

OF DUKE UNIVERSITY



Events of the Week

Sunday, April 22

Denominational Meetings. See special notice.

7:00 a.m. Easter Sunrise Service. Sarah P. Duke Memorial Gardens. Preacher: Reverend William C. Bennett.

9:00 and 11:00 a.m. University Services of Worship. University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "Easter Meditation." Broadcast over Radio Station WDNC and WDNC-FM.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

4:00 p.m. Easter Music in the Duke Chapel. University Chapel.

Monday, April 23

8:30 a.m. The final examination of Miss Doralyn Joanne Hickey for the Ph.D. degree in Religion. Library Conference Room 103 General Library.

1:30 p.m. Forestry Lecture. Room 111 Biological Sciences Building. Speaker: Professor Robert N. Colwell.

2:00 p.m. The final examination of Mr. Francis E. Skipp for the Ph.D. degree in English. Room 312 Allen Building.

3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30 p.m. Forestry Lecture. Room 111 Biological Sciences Building. Speaker: Professor Robert N. Colwell.

8:15 p.m. Poetry Reading: X. J. Kennedy. Room 208 Flowers Building.

8:15-9:30 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Tuesday, April 24

9:00 a.m. The final examination of Mr. William Gilbert Katzenmeyer for the Ed.D. degree. Room 08A West Duke Building.

10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Professor Ray C. Petry.

1:30 p.m. Forestry Lecture. Room 111 Biological Sciences Building. Speaker: Professor Robert N. Colwell.

4:00 p.m. Mathematics Seminar. Room 114 Physics Building. Speaker: Mr. David Anderson.

4:15-6:00 p.m. Concert Band Rehearsal. Room 208 Asbury Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

8:15 p.m. Senior Voice Recital: Michael Best, tenor. Music Room, East Duke Building.

Wednesday, April 25

9:00 a.m. The final examination of Miss Mary Turner Lane for the Ed.D. degree. Room 08A West Duke Building.

10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Professor Ray C. Petry.

2:00 p.m. Varsity Track: Duke versus University of South Carolina. Stadium.

4:00 p.m. Botany Seminar. Biological Sciences Auditorium. Speaker: Dr. C. J. Alexopoulos.

4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Julius Seeman.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:00 and 9:05 p.m. Quadrangle Pictures. Page Auditorium. "RULES OF THE GAME." A film, written by and starring Jean Renoir, studying the manners and mores of pre-World War II France. In French, with English subtitles. "One of the 3 greatest French films"—**Herald Tribune**. "For discerning audiences, 'Rules of the Game' affords a memorable experience."—**N. Y. Times**.

Thursday, April 26

10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Miss Jane Freeman.

12:30 p.m. Plant Ecology Seminar. Room 144 Biological Sciences Building. Speaker: Mr. Duncan T. Patten.

12:45 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

3:00 p.m. Varsity Tennis: Duke versus Toledo University. Tennis Courts.

4:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 114 Physics Building. Speaker: Dr. Benjamin Beyman.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

6:00 p.m. Friends of the Library Annual Dinner Meeting. Union Ballroom. Speaker: Mr. David C. Mearns.

8:15 p.m. Faculty Club Meeting. Music Room, East Duke Building. Speaker: The Honorable Wilhelm Grewe.

8:15-9:30 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, April 27

10:10 a.m. Divinity School Chapel Service. York Chapel. Speakers: Professor Ray C. Petry and Mr. Kenneth Alexander.

12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.

3:00 p.m. Varsity Golf: Duke versus Clemson College. Duke Golf Course.

3:00 p.m. Varsity Baseball: Duke versus University of Maryland. Coombs Field.

3:00 p.m. Varsity Tennis: Duke versus Clemson College. Tennis Courts.

4:15-6:00 p.m. Concert Band Rehearsal. Asbury Auditorium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their mothers.

8:30 p.m. Hoof 'n' Horn Show: "Once Upon a Mattress." Page Auditorium.

Saturday, April 28

2:00 p.m. Varsity Tennis: Duke versus University of South Carolina. Tennis Courts.

2:30 p.m. Varsity Baseball: Duke versus University of Virginia. Coombs Field.

3:00 p.m. Varsity Lacrosse: Duke versus Great Grads. Lacrosse Field.

8:30 p.m. Hoof 'n' Horn Show: "Once Upon a Mattress." Page Auditorium.

EASTER SERVICES

Easter Sunrise Service

The Special Observances Committee of the Duke University Religious Council is sponsoring a Sunrise Service on Easter Day, beginning at 7:00 A.M., in the Sarah P. Duke Memorial Gardens. The preacher who is scheduled to deliver the sermon is the Reverend William C. Bennett, Minister of the Trinity Avenue Presbyterian Church, Durham. In case of rain, the service will be moved to York Chapel, in the Divinity School.

Easter Services in the Chapel

Identical services in the Duke Chapel will be conducted at 9:00 and 11:00 A.M. on Easter Sunday. The preacher who is scheduled to deliver the Easter meditation at both services is the Reverend Professor James T. Cleland, Dean of the Chapel. Special Easter music will be presented by the Chapel Choir, under the direction of Professor Paul Young.

LIBRARY CLOSING

On Easter Sunday, April 22nd, the General Library, Woman's College Library, school, and departmental libraries will be closed.

UNIVERSITY SERVICES OF WORSHIP

The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the sermon at the University Services of Worship at 9:00 and 11:00 a.m. on Sunday, April 22nd, in the University Chapel. His subject will be "Meditation for Easter." The order of worship follows:

Presiding Minister: The Reverend Howard C. Wilkinson,
Chaplain to the University
Organ Preludes—Brass Choir
Four Chorales *J. S. Bach*
"Ein Feste Burg ist unser Gott"
"Herzlich thut mich verlangen"
"Christ Lag in Todesbanden"
"Wachet auf, ruft uns die Stimme"
Phillip Rhodes, Director
Organ and Solo Trumpet
"Lobe den Herren" *Harold Rohlig*
"Trumpet Voluntary" *Henry Purcell*
Lynn Russell, Trumpet
Anthem—"Worthy is the Lamb That Was Slain"
from *The Messiah* *Handel*
Easter Versicles
The Pastoral Prayers of Adoration, Confession, Intercession,
and Supplication
The Lord's Prayer
Anthem—"Here on Earth Have We No Continuing Place"
from *Requiem* *Brahms*
Byung Kwon, Baritone Soloist
Scripture Lesson—John 20:1-19
Hymn—"O For a Thousand Tongues to Sing" *Carl G. Glaser*
Call to Prayer
A Litany of Thanksgiving
The Offertory
Offertory Organ Interlude
Anthem—"Alleluia" *Thompson*
Response—The Doxology
Prayer of Dedication
Sermon—"Meditation for Easter"
Prayer
Hymn—"Christ the Lord Is Risen" *From Lyra Davidica*
Benediction
The Sevenfold Amen *Stainer*
The Chimes
Organ Postlude—Grand Choeur Dialogue *Eugene Gigout*

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 6:30 P.M., Watts Street Baptist Church, Training School, Concluding Series on Romans. **Wednesday, 6:00 P.M.,** The Ark, East Campus, Panel Discussion on Capital Punishment. **April 27-29,** Baptist Student Union Leadership Conference at Mooresville; Dr. Waldo Beach, speaker. Register by calling either 489-0023 or 681-5929.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., Chapel, East Duke Building.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 5:45 P.M., Meet at the Center for a picnic (cost \$1.00).

Monday, Tuesday and Wednesday at 7:10 A.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., East Duke Building Chapel, Worship Service with Holy Communion instead of regular program. **Wednesday, 7:30 A.M.,** Holy Communion, Memorial Chapel of Duke Chapel.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Study Groups; 6:00 P.M., Congregational meal (50¢) and Worship. **Wednesday, 6:00 P.M.,** Communion. **Sunday, April 29th, 7:00 P.M.,** Mr. James McBride Dabbs, President of the Southern Regional Council, will speak at the Forum Hour. The University community is invited to attend. Applications are now being accepted for the Community of Lay Scholars for next year. Please call the Methodist Chaplains (286-9230) or Miss Barbara Benedict (ext. 2909) for an appointment for an interview.

WESTMINSTER (PRESBYTERIAN) FELLOWSHIP: Sunday, 6:15 P.M., Westminster House, Communion Service and Installation of Officers. We are now accepting reservations for the Westminster Fellowship Synod Retreat at Camp New Hope, April 27-29. Call your reservation in to the Presbyterian Student Center, telephone 286-0501.

EASTER MUSIC IN THE DUKE CHAPEL

The Department of Music will present "Easter Music in the Duke Chapel" on Sunday, April 22nd, at 4:00 p.m. in the University Chapel. An "Easter Oratorio" has been composed by Professor William Klenz specifically for this program. It will be performed by a student chorus assembled especially for this occasion, will be conducted by the composer, and will feature John Hanks, tenor, and Mildred Hendrix, organist. The program also includes numbers by a brass choir, conducted by Paul Bryan, and the Duke Madrigal singers, conducted by Eugenia Saville. The public is cordially invited to attend.

The program follows:

Chorales *J. S. Bach*
Brass Choir
Paul Bryan, conductor
Motet VI (Psalm 117) *J. S. Bach*
The Duke Madrigal Singers
Eugenia Saville, conductor
Canzon Septimi toni, No. 1 *Giovanni Gabrieli*
Double Brass Choir
Paul Bryan, conductor
In dulci jubilo *J. S. Bach*
O Welt ich muss dich lassen *Johannes Brahms*
Alleluia *J. S. Bach*
Organ and Brass Choir
Paul Bryan, conductor
Mildred Hendrix, organist
Easter Oratorio *William Klenz*
William Klenz, conductor
John Hanks, tenor
Mildred Hendrix, organist

FORESTRY LECTURES

Professor Robert N. Colwell of the University of California will present a series of lectures on the interpretation of aerial photographs at the School of Forestry on Monday and Tuesday, April 23rd and 24th. These are sponsored by the National Science Foundation and the Society of American Foresters.

Of widest campus interest will be a lecture on "Military and Civil Applications of Photo-Interpretation" to be given Monday, April 23rd, at 7:30 p.m. in Room 111 Biological Sciences Building.

Other lectures deal with vegetation analysis, of interest to botanists and ecologists on Monday, April 23rd, at 1:30 p.m. and on Tuesday, April 24th, at 1:30 p.m. on the use of aerial photos in forest inventories. All lectures are scheduled for Room 111 Biological Sciences Building.

POETRY READING BY

X. J. KENNEDY

The Educational Affairs Committee of the Student Union, in co-operation with the Department of English, will present the second poet in the North Carolina Poetry Circuit, X. J. Kennedy, on Monday, April 23rd, at 8:15 p.m. in Room 208 Flowers Building. A teacher of English at the University of Michigan, Mr. Kennedy will read from and comment on his poetry.

Mr. Kennedy's first book of poetry, *Nude Descending A Staircase*, includes both traditional and experimental verse forms and has been designated the 1961 Lamont Poetry Selection of the Academy of American Poets. Other works have appeared in *The New Yorker*, *Paris Review*, *Poetry*, *Hudson Review*, *The Beloit Poetry Journal*, and *Epoch*.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Miss Doralyn Joanne Hickey for the Ph.D. degree in Religion will be held on Monday, April 23rd, at 8:30 a.m. in the Library Conference Room 103 General Library. The subject of Miss Hickey's dissertation is "Benjamin Morgan Palmer: Churchman of the Old South." The committee to conduct the examination consists of Professors H. Shelton Smith, Waldo Beach, Frederick Herzog, Hans J. Hillerbrand, and I. B. Holley, Jr. Professor Smith will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Francis E. Skipp for the Ph.D. degree in English will be held on Monday, April 23rd, at 2:00 p.m. in Room 312 Allen Building. The subject of Mr. Skipp's dissertation is "Thomas

Wolfe and His Scribner's Editors." The committee to conduct the examination consists of Professors Arlin Turner, Louis Budd, Benjamin Boyce, M. M. Bevington, and I. B. Holley, Jr. Professor Turner will preside.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. William Gilbert Katzenmeyer for the Ed.D. degree will be held on Tuesday, April 24th, at 9:00 a.m. in Room 08A West Duke Building. The subject of Mr. Katzenmeyer's dissertation is "Social Interaction and Racial Differences in Intelligence Test Performance." The committee to conduct the examination consists of Professor Allan S. Hurlburt, E. C. Bolmeier, C. Allan Boneau, W. Scott Gehman, and Olan L. Petty. Professor Hurlburt will preside.

MATHEMATICS SEMINAR

The Mathematics Seminar will meet on Tuesday, April 24th, at 4:00 p.m. in Room 114 Physics Building. Speaking will be Mr. David Anderson, Duke University, on "On Nested Ordinal Recursive Functions and a Subrecursive Hierarchy." Coffee will be served at 3:30 p.m. in Room 132.

SENIOR VOICE RECITAL MICHAEL BEST, TENOR

The Department of Music will present a Senior Recital by Michael Best, tenor, on Tuesday, April 24th, at 8:15 p.m. in the Music Room, East Duke Building. Mr. Best is a native of Durham and a student of John Hanks. The public is cordially invited to attend.

The program follows:

I attempt from Love's sickness	<i>Purcell</i>
I'll sail upon the Dog Star	<i>Purcell</i>
Nina	<i>Pergolesi</i>
Pur dicesti	<i>Lotti</i>
Adelaide	<i>Beethoven</i>
Die böse Farbe	<i>Schubert</i>
Die Mainacht	<i>Brahms</i>
Ständchen	<i>Brahms</i>
Poème d'un jour	<i>Fauré</i>
1. Rencontre	
2. Toujours	
3. Adieu	
Romance	<i>Debussy</i>
Mandoline	<i>Debussy</i>
Le Rêve (Manon)	<i>Massenet</i>
Do not go my love	<i>Richard Hageman</i>
The Vagabond	<i>R. Vaughan-Williams</i>
Linden Lea	<i>R. Vaughan-Williams</i>
By a lonely forest pathway	<i>Charles Griffes</i>
Loveliest of trees	<i>John Duke</i>

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Miss Mary Turner Lane for the Ed.D. degree will be held on Wednesday, April 25th, at 9:00 a.m. in Room 08A West Duke Building. The subject of Miss Lane's dissertation is "Making Democracy Safe for the Nation: Education for Citizenship in the Elementary School, 1890-1920." The committee to conduct the examination consists of Professors Olan Petty, Mabel Rudisill, E. C. Bolmeier, A. S. Hurlburt, and I. B. Holley, Jr. Professor Petty will preside.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, April 25th, at 4:00 p.m. in the Biological Sciences Auditorium. Dr. C. J. Alexopoulos, Department of Botany, State University of Iowa, will speak on "Hybridization and Heterokaryosis in the Myxomycetes."

Refreshments will be served in the foyer at 4:00 p.m.

PSYCHOLOGY COLLOQUIUM

There will be a Psychology Colloquium on Wednesday, April 25th, at 4:30 p.m. in Room 209 Bivins Building. The speaker, Dr. Julius Seeman of George Peabody College, will speak on "Studies in Personality Integration." Coffee will be served at 4:00 p.m.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, April 26th, at 12:30 p.m. in Room 144 Biological Sciences Building. Mr. Duncan T. Patten will speak on "Duplication and Presentation of Illustrations for Theses and Dissertations."

FACULTY CLUB MEETING

The Faculty Club will meet on Thursday, April 26th, at 8:15 p.m. in the Music Room, East Duke Building. The Honorable Wilhelm Grewe, West German Ambassador to the United States and distinguished authority in international law, will address the group on a subject of current international interest. The annual election of officers will precede the Ambassador's talk.

Please note that the annual dinner of the Friends of the Library has been set at 6:00 p.m., so as to make possible attendance at both events.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The Joint Duke-U.N.C. Physics Colloquium will meet Thursday, April 26th, at 4:00 p.m. in Room 114 Physics Building. The speaker will be Dr. Benjamin Beyman of Princeton University; his topic is "Direct Nuclear Reaction and Nuclear Structure."

FRIENDS OF THE LIBRARY ANNUAL DINNER MEETING

The Annual Dinner Meeting of the Friends of the Library will be held on Thursday, April 26th, at 6:00 p.m. in the Union Ballroom. The speaker will be Mr. David C. Mearns, Chief, Manuscript Division, The Library of Congress.

Reservations for the dinner at \$2.50 for each cover may be made in the Rare Book Room, General Library. Reservations must be received before Monday, April 23rd. Checks should be made payable to Duke University.

HOOF 'N' HORN SHOW "ONCE UPON A MATTRESS"

The Hoof 'n' Horn Club will present the hilarious Broadway musical comedy, "Once Upon A Mattress," in Page Auditorium at 8:30 p.m. on Friday, April 27th, and Saturday, April 28th. Tickets for the show, produced and directed by Duke students and featuring an all Duke cast, are priced at \$1.25, \$1.50, and \$1.75. For tickets write Box 4210 Duke Station, enclosing a self-addressed, stamped envelope.

JOE COLLEGE WEEKEND

The twelfth annual Joe College Weekend will begin Friday, April 27th. Two nationally renowned musical groups, Hoof 'n' Horn's musical comedy, "Once Upon a Mattress," a box lunch and lawn concert, a parade, and exchange dinner, athletic events, and a dance all contribute to the theme, "Joe Visits Madison Avenue."

Friday, April 27th

3:00 p.m.—Parade Begins. Downtown.

5:00 p.m.—Exchange Dinner. East Campus Quad.

8:30 p.m.—Hoof 'n' Horn's "Once Upon a Mattress." Page Auditorium.

9:00 p.m.-1:00 a.m.—Informal Dance—Duke Ellington and His Orchestra. Indoor Stadium.

Saturday, April 28th

12:00 N.—Box Luncheon. Stadium.

1:30-3:30 p.m.—Lawn Concert—Bo Diddley. Stadium.

8:30 p.m. Hoof 'n' Horn's "Once Upon a Mattress." Page Auditorium.

Complimentary tickets for the Shoe 'n' Slipper events (Duke Ellington and Bo Diddley) are available to faculty through the office of Dean Robert B. Cox, Room 118 Allen Building.

ADVANCE NOTICE AWARDS CONVOCATION

Dr. Gordon Ray, Secretary-General of the John Simon Guggenheim Foundation, will be the main speaker for the Awards Convocation to be held in Page Auditorium on Tuesday, May 1st, at 8:15 p.m. His subject will be "Is Liberal Education Still Needed?"

This first Awards Convocation on our campus is designed to honor the undergraduates who have distinguished themselves academically. Virtually every department will have majors among the students specially invited by mail. The faculty is hereby invited to underscore the University's concern for academic excellence by attending the Convocation and the subsequent reception in the Lobby of Flowers Building. All students are also welcome.

ANNOUNCEMENT OF 1962-63 ARTISTS SERIES

The 1962-63 Duke University Artists Series announces the following concerts for the 1962-63 Season:

Thursday, November 1

THE LITTLE ORCHESTRA OF NEW YORK
with FRANK GLAZER, piano soloist

Thursday, November 29

THE GOLDOVSKY GRAND OPERA THEATER
"La Traviata"

Friday, January 4

RUGGIERO RICCI, violinist

Tuesday, February 12 (Indoor Stadium)

THE MINNEAPOLIS SYMPHONY ORCHESTRA
STANISLAW SKROWACZEWSKI, conductor

Tuesday, March 12

SAN FRANCISCO BALLET

Season ticket reservations priced at \$8.00, \$9.00, and \$10.00 are available in Room 202-A Flowers Building, by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station, Durham, North Carolina.

DUKE UNIVERSITY GROUP TRAVEL PLAN

A decision of the Civil Aeronautics Board just announced extends the permissible period for the new air fares to Europe for groups of twenty-five people. The Duke flight (KLM DC8 Jet Plane #622 New York to London via Glasgow on Thursday, June 14th, and returning on KLM #641 Amsterdam to New York on Monday, August 27th) will operate, therefore, as scheduled if there are twenty-five interested persons. Round trip fare is \$326.00. You are urged to report **immediately** to Room 202-A Flowers Building if you wish this transportation. The requisite number must be enrolled at once to assure the flight. Further information may be secured in Room 202-A Flowers Building or by calling Extension 2911.

CONDITIONS

1. Group must contain at least 25 members. Two children, ages 2 to 12 years, count as one member.
2. Eligible for membership—students and personnel who have been continuously affiliated with Duke for at least six months prior to application. Personnel may be accompanied by their immediate families. Parents in whose home students are residents may accompany the student.
3. Reservation deposit of \$50 must accompany application. This will be applicable to the fare and totally refundable in case of cancellation prior to final payment. Balance of fare payable not later than May 8th.
4. In case of cancellation after final payment and up to 5 days before departure, refund can be made to as many as 10 persons provided replacements are secured. Group may not depart without 25 paid passages. Cancelling members may apply their reduced fare to a full rate flight on another date. In such case, the reduced portion of the regular fare will not be refundable should there be a second cancellation.
5. Members must travel round trip with the group.

WEEK OF

April 29-May 5, 1962

WEEK OF

April 29-May 5, 1962

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, April 29

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. W. Arthur Kale, Professor of Christian Education, The Divinity School. Sermon: "Summons to Sainthood." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Chancel Singers Concert. Woman's College Auditorium.

Monday, April 30

8:30 a.m. The Final Examination of Mr. Harmon Lee Smith for the Ph.D. degree in Religion. Room 103 Library.

1:30 p.m. The Final Examination of Mr. William M. Hennis, Jr., for the Ed.D. degree. Room 08A West Duke Building.

3:30 p.m. The Final Examination of Mr. John Raymond Lott for the Ph.D. degree in English. Room 312 Allen Building.

3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

8:15-9:30 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Tuesday, May 1

9:00 a.m. The Final Examination of Mr. James McHarg for the Ed.D. degree. Room 08A West Duke Building.

10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Jones Efird.

2:00 p.m. The Final Examination of Mr. John R. Moore for the Ph.D. degree in History. Conference Room, Library.

3:00 p.m. Varsity Baseball: Duke versus U. N. C. Coombs Field.

3:45 p.m. The Final Examination of Mr. Coburn Gum for the Ph.D. degree in English. Room 312 Allen Building.

4:15-6:00 p.m. Concert Band Rehearsal. Room 208 Asbury Building.

5:00 p.m. Gerontology Seminar. Room 208 Flowers Building. Speaker: Dr. Ethel Shanas.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

6:00 p.m. U. R. C. Meeting. Men's Graduate Center.

6:00 p.m. Phi Beta Kappa Spring Initiation and Dinner. Union Ballroom, West Campus.

8:15 p.m. Awards Convocation. Page Auditorium. Speaker: Dr. Gordou Ray.

Wednesday, May 2

10:10 a.m. Divinity School Chapel Service. York Chapel. Speaker: Mr. Ruben Speaks.

11:00 a.m. Divinity School Assembly. York Chapel. Speaker: Professor J. Whitney Oates.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 2:00 p.m. The Final Examination of Mr. Bernard J. Jacobson for the Ph.D. degree in Biochemistry. Room 262 Bell Building.
- 3:00 p.m. Varsity Golf: Duke versus Wake Forest College. Duke Golf Course.
- 4:00 p.m. Botany Seminar. Biological Sciences Auditorium. Speaker: Dr. K. R. Knoerr.
- 4:00 p.m. Interdepartmental Seminar. Room 2031 Duke Hospital. Speaker: Dr. Walter Randall.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "EVE WANTS TO SLEEP"—the first comedy from Poland . . . witty, brilliant, and daring. Grand Prize Winner San Sebastian and Edinburgh Film Festivals. "A zany farce! Highly enjoyable!"—Time. "Bubbling satire! Charmingly flippant!"—Herald Tribune.
- 8:15 p.m. Classical Guitar Recital: Donald McLaughlin. Music Room, East Duke Building.

Thursday, May 3

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Carl Edwards.
- 11:30 a.m. Engineering College Faculty Meeting. Room 125 Engineering Building.
- 12:30 p.m. Plant Ecology Seminar. Room 144 Biological Sciences Building. Speaker: Mr. Napier Shelton.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 1:30 p.m. The Final Examination of Mr. Kenneth George Pryke for the Ph.D. degree in History. Conference Room, Library.
- 3:00 p.m. Varsity Tennis: Duke versus Miami University. Tennis Courts.
- 4:00 p.m. Comparative Semitic Linguistics Lecture. Room 205 Divinity School. Speaker: Dr. Vincente Cantarino.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30 p.m. South Asian Colloquium. Room 125 Allen Building. Speaker: Professor Richard L. Park.
- 8:15 p.m. Committee on Human Relations Meeting. Music Room, East Duke Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, May 4

- 8:30 a.m. The Final Examination of Mr. Armand Gilbert Eiring for the Ph.D. degree in Microbiology. Room M304 Medical School.
- 10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Pickney Gustave Deal, III.
- 12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.
- 3:00 p.m. Varsity Baseball: Duke versus U. S. C. Coombs Field.

- 3:00 p.m. The Final Examination of Mr. Rodney Jack Roth for the Ph.D. degree in Mathematics. Room 219 Physics Building.
- 4:00 p.m. Chemistry Seminar. Room 01 Chemistry Building. Speaker: Dr. Gurnos Jones.
- 4:15-6:00 p.m. Concert Band Rehearsal. Asbury Auditorium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their mothers.
- 5:30 p.m. Kappa Delta Pi Spring Initiation and Banquet. Room 204X West Union Building. Speaker: Dr. Newton Edwards.
- 8:30 p.m. Third Studio Opera Production. Branson Hall.

Saturday, May 5

- 10:00 a.m. The Final Examination of Mr. Samuel H. Magill for the Ph.D. degree in Religion. Room 103 Library.
- 2:00 p.m. Varsity Tennis: Duke versus North Carolina State College. Tennis Courts.
- 2:00 p.m. Varsity Track: Duke versus University of North Carolina. Stadium.
- 2:30 p.m. Varsity Baseball: Duke versus Clemson College. Coombs Field.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "EVE WANTS TO SLEEP"—the first comedy from Poland . . . witty, brilliant, and daring. Grand Prize Winner San Sebastian and Edinburgh Film Festivals. "A zany farce! Highly enjoyable!"—Time. "Bubbling satire! Charmingly flippant!"—Herald Tribune.
- 8:30 p.m. Annual French Play, "Antigone." Steps of Woman's College Auditorium.
- 8:30 p.m. Third Studio Opera Production. Branson Hall.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Harmon Lee Smith for the Ph.D. degree in Religion will be held on Monday, April 30th, at 8:30 a.m. in the Conference Room, Library. The subject of Mr. Smith's dissertation is "The Structure of Christian Ethics in the Thought of William Temple." The committee to conduct the examination consists of Professors Waldo Beach, Frederick Herzog, Hugh Anderson, Shelton Smith, and Robert Durden. Professor Beach will preside.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. William M. Hennis, Jr. for the Ed.D. degree will be held on Monday, April 30th, at 1:30 p.m. in Room 08A West Duke Building. The subject of Mr. Hennis' dissertation is "Certain Upward Extensions of Public Education in North Carolina." The committee to conduct the examination consists of Professors E. C. Bolmeier, Allan S. Hurlburt, Olan L. Petty, W. A. Stumpf, and Robert F. Durden. Professor Bolmeier will preside.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. W. Arthur Kale, Professor of Christian Education, The Divinity School, will deliver the sermon at the University Service of Worship at 11:00 a.m. on Sunday, April 29th, in the University Chapel. His subject will be "Summons to Sainthood." The order of worship follows:

Presiding Minister: The Reverend Howard C. Wilkinson,
Chaplain to the University

Organ Prelude—Kleine Praludien und Intermezzi
Hermann Schroeder

Call to Worship—"Sanctus" from Mass II *Hassler*

Hymn—"Ye Servants of God" *William Croft*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Laetymosa" from Requiem Mass *Mozart*

Scripture—Ephesians 3:14-19

Hymn—"Soldiers of Christ, Arise" *George J. Elvey*

Call to Worship

The Pastoral Prayer of Adoration, Thanksgiving, Intercession,
Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Recordare" from Requiem Mass *Mozart*

Response—The Doxology

Prayer of Dedication

Sermon—"Summons to Sainthood"

Prayer

Benediction

The Sevenfold Amen *Stainer*

The Chimes

Organ Postlude—Toccata on "O Filii et Filiae" *Farnam*

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 6:30 P.M., Watts Street Baptist Church, Mrs. Charles Wellborn, beginning a series on "The Meaning of Prayer." Wednesday, 5:30 P.M., Supper meeting at MGC (get in line by 5:30); Speaker, Dr. Hugh Anderson.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., Chapel Room, East Duke Building, East Campus.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Episcopal Center, Holy Communion; 5:30 P.M., Supper. Wednesday, 7:10 A.M., Holy Communion; Tuesday, May 1, 7:10 A.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: No L.S.A. this week. Southeastern L.S.A., Little Ashram in N. C. mountains. Wednesday, 7:30 A.M., Holy Communion in Memorial Chapel of Duke Chapel.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Methodist Center, Study Groups; 6:00 P.M., Worship. Wednesday, 6:00 P.M., Holy Communion. 7:00 P.M., Sunday, April 29, Dr. James McBride Dabbs, President of the Southern Regional Council, will speak at the Forum Hour, on the subject, "The Good Mind in our Hearts," a discussion of race relations. The university community is invited to attend.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: April 27-29, Synod of North Carolina Westminster Fellowship Spring Conference, Camp New Hope.

INTERNATIONAL CLUB PICNIC CANCELLED

There will be no International Club Picnic on Sunday, April 29th. It has been rescheduled for the weekend of May 5th. Further information will be announced later.

CHANCEL SINGERS CONCERT

A concert of sacred music will be presented by the Chancel Singers on Sunday, April 29th, at 4:00 p.m. in the Woman's College Auditorium. Included in the program will be Haydn's *Missa Solemnis* in B flat major and the *First Mass* in C by Mozart. The University Community is cordially invited to attend. The program is as follows:

First Mass in C *W. A. Mozart*

Kyrie

Gloria

Credo

Sanctus

Benedictus

Agnus Dei

Soloists

Eleanor Kuhl, soprano

Marjorie Randolph, alto

Allen Parrent, tenor

Edward T. Jones, bass

Missa Solemnis

Haydn

Kyrie

Gloria

Credo

Sanctus

Benedictus

Agnus Dei

Dona Nobis Pacem

Soloists

Anne Parkinson, soprano

Jeannette Glass, alto

Charles Ayers, tenor

Bob Smith, bass

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. John Raymond Lott for the Ph.D. degree in English will be held on Monday, April 30th, at 3:30 p.m. in Room 312 Allen Building. The subject of Mr. Lott's dissertation is "The Vogue of the Betrayed-Woman Theme in English Fiction, 1740-1775." The committee to conduct the examination consists of Professors Benjamin Boyce, Charles E. Ward, Lionel Stevenson, Arlin Turner, and Harold Parker. Professor Boyce will preside.

PHI BETA KAPPA SPRING INITIATION AND DINNER

Phi Beta Kappa will hold its annual spring initiation and dinner on Tuesday, May 1st, at 6:00 p.m. in the Union Ballroom, West Campus. Reservations for the dinner must be sent to the Secretary, Professor W. F. Stinespring, 105 Divinity School, before noon on Monday, April 30th. Those to be initiated will report at 5:45 p.m. in Room X-204 Union Building. After dinner, the chapter will participate in the Awards Convocation in Page Auditorium.

AWARDS CONVOCATION

Dr. Gordon Ray, Secretary-General of the John Simon Guggenheim Foundation, will be the main speaker for the Awards Convocation to be held in Page Auditorium on Tuesday, May 1st, at 8:15 p.m. His subject will be "Is Liberal Education Still Needed?"

This first Awards Convocation on our campus is designed to honor the undergraduates who have distinguished themselves academically. Virtually every department will have majors among the students specially invited by mail. The faculty is hereby invited to underscore the University's concern for academic excellence by attending the Convocation and the subsequent reception in the Lobby of Flowers Building. All students are also welcome.

URC MEETING

The final meeting of the full membership of the Duke University Religious Council for the academic year 1961-62 will be held Tuesday evening, May 1st, in the private dining room of the Men's Graduate Center. All persons who have been members of the Council this year, and all officers, members and committee chairmen for 1962-63 are cordially invited. It will be a dinner meeting beginning at 6:00 p.m. Please telephone your reservation to the Chapel Office (2921) without delay, providing you have not already registered your anticipated attendance.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. James McHarg for the Ed.D. degree will be held on Tuesday, May 1st, at 9:00 a.m. in Room 08A West Duke Building. The subject of Mr. McHarg's dissertation is "Influences Contributing to the Education and Culture of the Native People in Southern Rhodesia from 1900 to 1961." The committee to conduct the examination consists of Professors E. C. Bolmeier, W. A. Stumpf, Allan S. Hurlburt, Olan Petty, and Edgar Thompson. Professor Bolmeier will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. John R. Moore for the Ph.D. degree in History will be held on Tuesday, May 1st, at 2:00 p.m. in the Conference Room, Library. The subject of Mr. Moore's dissertation is "Josiah W. Bailey of North Carolina and the New Deal, 1931-1941." The committee to conduct the examination consists of Professors Richard L. Watson, Jr., Joel G. Colton, John S. Curtiss, Theodore Ropp, and Arlin Turner. Professor Watson will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Coburn Gum for the Ph.D. degree in English will be held on Tuesday, May 1st, at 3:45 p.m. in Room 312 Allen Building. The subject of Mr. Gum's dissertation is "The Aristophanic Comedies of Ben Jonson." The committee to conduct the examination consists of Professors S. K. Heninger, Jr., Holger Nygard, Charles E. Ward, C. Richard Sanders, and James N. Truesdale. Professor Heninger will preside.

GERONTOLOGY SEMINAR

The Council of Gerontology will present Dr. Ethel Shanas, Committee on Human Development, University of Chicago, speaking on "Older People in the United States: Meeting Medical Care Costs." The seminar to be held on Tuesday, May 1st, at 5:00 p.m. in Room 208 Flowers Building is open to the University Community.

DIVINITY SCHOOL LIBRARY LECTURE

Professor J. Whitney Oates, Chairman of the Department of Classics, Princeton University, and Vice President of the United Chapters of Phi Beta Kappa, will deliver the Divinity School Library Lecture on Wednesday, May 2nd, at 11:00 a.m. in York Chapel. His subject will be "St. Augustine, Aristotle, and the Doctrine of Creation." The public is welcome.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Bernard J. Jacobson for the Ph.D. degree in Biochemistry will be held on Wednesday, May 2nd, at 2:00 p.m. in Room 262 Bell Building. The subject of Mr. Jacobson's dissertation is "Studies on the Metabolism of Chondroitin Sulfate B." The committee to conduct the examination consists of Professors E. A. Davidson, Philip Handler, Henry Kamin, J. H. Saylor, and L. A. Bigelow. Professor Davidson will preside.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, May 2nd, at 4:00 p.m. in the Biological Sciences Building Auditorium. Dr. K. R. Knoerr, School of Forestry, will speak on "Managing Forests for Snow."

Refreshments will be served in the foyer at 4:00 p.m.

INTERDEPARTMENTAL SEMINAR

The Interdepartmental Seminar on the Anatomical and Physiological Bases of Behavior will be held on Wednesday, May 2nd, at 4:00 p.m. in Room 2031 Duke Hospital. Dr. Walter Randall, Department of Psychology, will speak on "Changes in Grooming and Prey Behavior in Cats Following Midbrain Lesions."

CLASSICAL GUITAR RECITAL

Donald McLaughlin, a student in the Medical School, will present a classical guitar recital on Wednesday, May 2nd, at 8:15 p.m. in the Music Room, East Duke Building. The public is cordially invited to attend. The program follows:

Study	<i>Carcassi</i>
Prelude 1	<i>Tarrega</i>
Gigue	
Sarabande	
Prelude	<i>Bach arr. Shearer</i>
Nortena	<i>Crespo arr. Shearer</i>
Study 5	<i>Sor</i>
Study 8	<i>Filla Lobos</i>
Early Dawn	<i>Shearer</i>
Prelude 1	<i>Filla Lobos</i>
Homage to the Tomb of Debussy	<i>de Falla arr. Shearer</i>
Theme and Variations	<i>Sor</i>
Six Late Pieces	<i>Anony. arr. Shearer</i>
Study 1	<i>Filla Lobos</i>
Burgalesa	<i>Torroba</i>
Study 11	<i>Filla Lobos</i>

COMMITTEE ON HUMAN RELATIONS MEETING

On Thursday, May 3rd, at 8:15 p.m., in the Music Room of East Duke Building, there will be a public meeting of the Duke Information Committee on Human Relations for a report followed by discussion. All faculty and staff members are strongly urged to attend.

ENGINEERING COLLEGE FACULTY MEETING

The Engineering College Faculty will meet on Thursday, May 3rd, in Room 125 Engineering Building at 11:30 a.m.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, May 3rd, at 12:30 p.m. in Room 144 Biological Sciences Building. Mr. Napier Shelton will speak on "A Vegetation Study in the Montane Forest—Tundra Transition, Mt. McKinley National Park, Alaska."

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Kenneth George Pryke for the Ph.D. degree in History will be held on Thursday, May 3rd, at 1:30 p.m. in the Conference Room, Library. The subject of Mr. Pryke's dissertation is "Nova Scotia and Confederation, 1864-1870." The committee to conduct the examination consists of Professors Richard Preston, Arthur Ferguson, Harold Parker, Richard Watson, and Edgar T. Thompson. Professor Preston will preside.

COMPARATIVE SEMITIC LINGUISTICS LECTURE

On Thursday, May 3rd, at 4:00 p.m. in Room 205 Divinity School, Dr. Vincente Cantarino, Instructor in Arabic, University of North Carolina, will speak to the combined classes in Hebrew and Aramaic. His subject will be "Comparative Semitic Linguistics as an Aid to Biblical Study." All interested members of the University Community are cordially invited to attend.

SOUTH ASIAN COLLOQUIUM

Professor Richard L. Park, Director, Center for Southern Asian Studies, University of Michigan, will speak at the South Asian Colloquium on Thursday, May 3rd, at 7:30 p.m. The Colloquium, sponsored by Duke University and the Commonwealth Studies Center, will meet in Room 125 Allen Building.

Professor Park will speak on "India: The Community and Its Symbols." His presentation will be followed by a discussion period. Professor Park holds the Ph.D. from Harvard and has edited *Leadership and Political Institutions in India*, published by the Princeton University Press. He is the author of a number of works dealing with the government and politics of South Asia.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Armand Gilbert Eiring for the Ph.D. degree in Microbiology will be held on Friday, May 4th, at 8:30 a.m. in Room M304 Medical School. The subject of Mr. Eiring's dissertation is "Electron Microscope Studies of Normal and

Vaccinia Infected Tissue Culture Cells." The committee to conduct the examination consists of Professors J. R. Overman, N. F. Conant, D. C. Hetherington, K. M. Wilbur, and T. W. Johnson, Jr. Professor Overman will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Rodney Jack Roth for the Ph.D. degree in Mathematics will be held on Friday, May 4th, at 3:00 p.m. in Room 219 Physics Building. The subject of Mr. Roth's dissertation is "The Algebraic Structure of Near-rings and Near-ring Modules." The committee to conduct the examination consists of Professors S. L. Warner, J. H. Roberts, J. R. Shoenfield, L. Carlitz, and P. Welsh. Professor Warner will preside.

CHEMISTRY SEMINAR

Dr. Gurnos Jones from the University College of North Staffordshire, Keele, England, will speak at the Chemistry Staff Seminar on Friday, May 4th, in Room 01 Chemistry Building at 4:00 p.m. The subject of Dr. Jones' address will be "Studies on Bicyclic Quinolizinium Systems." All interested persons are invited to attend.

KAPPA DELTA PI SPRING INITIATION AND BANQUET

The annual spring initiation and banquet of Kappa Delta Pi, education honorary, will be held at 5:30 p.m. in Room 204X West Union Building on Friday, May 4th. At 6:30 p.m. the members will be served in the Union Ballroom. Dr. Newton Edwards, Visiting Professor of Education, formerly a member of the faculties of the University of Chicago and the University of South Carolina, will speak on "Education and Decision-Making."

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Samuel H. Magill for the Ph.D. degree in Religion will be held on Saturday, May 5th, at 10:00 a.m. in the Conference Room, Library. The subject of Mr. Magill's dissertation is "A Christian Estimate of the Political Realism of Hans J. Morgenthau." The committee to conduct the examination consists of Professors Waldo Beach, Stuart C. Henry, Creighton Lacy, Frederick Herzog, and John H. Hallowell. Professor Beach will preside.

STUDENT UNION ART EXHIBIT

The Student Union Fine Arts Committee announces a showing of the works of Mrs. Edith London of the Department of Art. The exhibition, which may be seen from 9:00 a.m. until 7:00 p.m. daily, is in the Woman's College Union.

Edith London's work has won two purchase prizes in Raleigh—"Trees" (an ink drawing)—in the 18th North Carolina Artists' Annual, and "Provincetown Memories" (oil) in the 1956 Annual. Her three favorite media are oil, ink, and collage. She has studied at the Kaiser Friedrich Museum in Berlin, the British Academy in Rome, the Ashmolean Museum at Oxford, England, and in Paris with Marcel Gromaire and Andre Lhote.

DUKE UNIVERSITY GROUP TRAVEL PLAN

A decision of the Civil Aeronautics Board just announced extends the permissible period for the new air fares to Europe for groups of twenty-five people. The Duke flight (KLM DCS Jet Plane #622 New York to London via Glasgow on Thursday, June 14th, and returning on KLM #641 Amsterdam to New York on Monday, August 27th) will operate, therefore, as scheduled if there are twenty-five interested persons. Round trip fare is \$326.00. You are urged to report immediately to Room 202-A Flowers Building if you wish this transportation. The requisite number must be enrolled at once to assure the flight. Further information may be secured in Room 202-A Flowers Building or by calling Extension 2911.

CONDITIONS

1. Group must contain at least 25 members. Two children, ages 2 to 12 years, count as one member.
2. Eligible for membership—students and personnel who have been continuously affiliated with Duke for at least six months prior to application. Personnel may be accompanied by their immediate families. Parents in whose home students are residents may accompany the student.
3. Reservation deposit of \$50 must accompany application. This will be applicable to the fare and totally refundable in case of cancellation prior to final payment. Balance of fare payable not later than May 8th.
4. In case of cancellation after final payment and up to 5 days before departure, refund can be made to as many as 10 persons provided replacements are secured. Group may not depart without 25 paid passages. Cancelling members may apply their reduced fare to a full rate flight on another date. In such case, the reduced portion of the regular fare will not be refundable should there be a second cancellation.
5. Members must travel round trip with the group.

JULIA DALE PRIZE IN MATHEMATICS

1. Content: Examination on the material covered in Math 21-22 and Math 63-64.
2. Eligibility: Those students who are now taking Math 64 and those students who have completed this course (or its equivalent) since last commencement.
3. Prizes: Cash prizes of approximately \$30. for first prize and approximately \$20. for second prize. The distinction of winning is a valuable asset on a student's record. The names of the winner and the runner-up are listed on the commencement program. The committee reserves the right to withhold the awards if the results of the examination are not of sufficient merit.
4. Time: 7:00-9:00 p.m., May 10th.
5. Place: Room 132 Physics Building.
6. Procedure: Come at the appointed time and bring a mathematics exam book with you. Do not write your name on this book.

ANNUAL FRENCH PLAY "ANTIGONE" BY JEAN ANOUILH

The annual French play, presented under the auspices of the Department of Romance Languages, will be given on two evenings, Saturday, May 5th and Sunday, May 6th at 8:30 p.m. on the steps of the Woman's College Auditorium. The play, "Antigone," by Jean Anouilh will be directed by Marie-Therese Liniere Dow of the French Department and the cast is composed of students in the Department. There will be no admission charge and the public is cordially invited to attend.

THIRD STUDIO OPERA PRODUCTION

The Duke Players and the Department of Music will present the third studio production of "Scenes from Opera" on Friday and Saturday, May 4th and 5th, at 8:30 p.m. in Branson Hall. Stage directors will be Kenneth Reardon and Victor Michalak. Musical direction will be by John Hanks, assisted by Elender Denuis. Ruth Friedberg will be accompanist. The public is cordially invited to attend. The program will be as follows:

"The Marriage of Figaro"		<i>W. A. Mozart</i>
Scene 3, Act I (In English)		
Cherubino		Roxanne Smathers
Susanna		Elender Dennis
Count		S. T. Kimbrough, Jr.
Basilio		Michael Best
Figaro		Robert Smith
"Carmen" (Two Scenes)		<i>G. A. Bizet</i>
(In English)		
Act II Duet		
Carmen		Claudia Bray
Don Jose		Michael Best
Act III Trio		
Mercedes		Elender Dennis
Frasquita		Virginia Wellborn
Carmen		Claudia Bray
"Madam Butterfly"		<i>Puccini</i>
Scenes 1 and 3, Act II (In Italian)		
Butterfly		Nancy Lassiter
Susuki		Claudia Bray
"Amahl and the Night Visitors"		<i>Menotti</i>
James Lee, narrator		
Amahl		Elaine Jenkins
Mother		Claudia Bray
Kaspar		Michael Best
Melchior	} The Three Kings	Robert Smith
Balthazar		Charles Smith
Page		Michael Reardon

ANNOUNCEMENT OF 1962-63 ARTISTS SERIES

The 1962-63 Duke University Artists Series announces the following concerts for the 1962-63 Season:

Thursday, November 1

THE LITTLE ORCHESTRA OF NEW YORK
with FRANK GLAZER, piano soloist

Thursday, November 29

THE GOLDOVSKY GRAND OPERA THEATER
"La Traviata"

Friday, January 4

RUGGIERO RICCI, violinist

Tuesday, February 12 (Indoor Stadium)

THE MINNEAPOLIS SYMPHONY ORCHESTRA
STANISLAW SKROWACZEWSKI, conductor

Tuesday, March 12

SAN FRANCISCO BALLET

Season ticket reservations priced at \$8.00, \$9.00, and \$10.00 are available in Room 202-A Flowers Building, by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station, Durham, North Carolina.

ADVANCE NOTICE A.A.U.P. MEETING

Dean Alexander Heard, Dean of the Graduate School of the University of North Carolina, will be the speaker at the May 15th meeting of the American Association of University Professors. His topic will be "Graduate Education." The yearly election of officers will also be held.

WEEK OF
May 6-12, 1962

CALENDAR

WEEK OF
May 6-12, 1962

OF

DUKE UNIVERSITY



Events of the Week

Sunday, May 6

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. Robert E. Luccock, Minister, The Church of the Redeemer, New Haven, Connecticut. Sermon: "Mirrors of Self-Discovery." Broadcast over Radio Station WDNC and WDNC-FM.

2:30 p.m. International Club Picnic. Gate 8 Duke Forest.

4:00 p.m. Dedication of Westminster House, the Presbyterian Student Center.

4:00 p.m. Chapel Choir Oratorio: *Requiem Mass* by Mozart. University Chapel.

8:30 p.m. French Play: "Antigone." Steps of the Woman's College Auditorium.

Monday, May 7

10:00 a.m. The final examination of Mr. Gordon Esley Finnie for the Ph.D. degree in Religion. Library Conference Room (102).

3:00 p.m. Varsity Tennis: Duke versus University of Maryland. Tennis Courts.

3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:00 p.m. The final examination of Mr. Richard Hodel for the Ph.D. degree in Mathematics. Room 219 Physics Building.

4:15 p.m. Zoology Seminar. Auditorium, Biological Sciences Building. Speaker: Mr. Paul Colinaux.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

5:30 p.m. Trinity College Historical Society Dinner Meeting. Private Dining Hall, Men's Graduate Center.

5:30 p.m. NROTC Sunset Parade. Stadium.

6:00 p.m. Naval Reserve Research Company 6-6 Meeting. Chemstrand Research Center, Inc. Speaker: Mr. K. C. Beene.

8:00 p.m. English Department Lecture: Professor John Butt. Music Room, East Duke Building.

8:15-9:30 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

Tuesday, May 8

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Gordon MacPhearson.
- 2:30 p.m. The final examination of Mr. Walter V. Bouldin for the Ph.D. degree in Physics. Room 218 Physics Building.
- 3:00-5:00 p.m. Campus Club Garden Party. University House.
- 4:15-6:00 p.m. Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 8:00 p.m. Sigma Xi Lecture: Dr. J. J. Hermans. Biological Sciences Building Lectureroom.

Wednesday, May 9

- 10:10 a.m. Divinity School Chapel Service. York Chapel.
- 4:00 p.m. Botany Seminar. Auditorium, Room 111, Biological Sciences Building. Speaker: Mr. Duncan T. Patten.
- 4:00 p.m. Interdepartmental Seminar. Room 2031 Duke Hospital. Speaker: Dr. Kenneth D. Roeder.
- 4:00 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 114 Physics Building. Speaker: Dr. Hans Frauenfelder.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 6:30 p.m. Gothic Bookshop. Book Auction. Room 208 Flowers Building.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. Returning by popular request "RASHO-MON" (Japanese). "A rare piece of film art"—N. Y. Times Winner Grand Prize Venice Film Festival—"World's Best Picture." Academy Award as best foreign film.
- 8:15 p.m. Student Violin Recital. Music Room, East Duke Building.

Thursday, May 10

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. James Rush.
- 12:30 p.m. Plant Ecology Seminar. Room 144 Biological Sciences Building. Speaker: Mr. Bruce Welch.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 2:00 p.m. The final examination of Mr. G. David Cooper for the Ph.D. degree in Psychology. Room 206 Psychology Laboratory.

- 4:00 p.m. Undergraduate Faculty Council Meeting. Room 208 Flowers Building.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 8:15 p.m. Duke Symphony Orchestra Student Concerti Concert. Page Auditorium.
- 8:15-9:30 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, May 11

- American Society of International Law Meeting. See special notice.
- 10:10 a.m. Divinity School Chapel Service. York Chapel. Holy Communion, Dr. James T. Cleland, celebrant.
- 12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.
- 1:30-5:00 p.m. Meeting-in-Miniature of North Carolina Section of American Chemical Society. Rooms 116 and 01 Chemistry Building.
- 3:00 p.m. Political Science Graduate Seminar. Room 208 Flowers Building. Speaker: Dr. Herman Walker, Jr.
- 4:15-6:00 p.m. Concert Band Rehearsal. Asbury Auditorium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their mothers.
- 7:30 p.m. Senior Piano Recital: Virginia Warr, pianist. Music Room, East Duke Building.
- 8:15 p.m. Student Union Young Artists Series: Joan Baez. Page Auditorium.

Saturday, May 12

- 10:00 a.m. The final examination of Mr. William Oliver Walker, Jr., for the Ph.D. degree in Religion. Library Conference Room.
- 10:30 a.m. The final examination of Mr. Albert J. Robinson for the Ph.D. degree in Economics. Room 106B Social Science Building.
- 3:00 p.m. Varsity Lacrosse: Duke versus Washington and Lee University. Lacrosse Field.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. Returning by popular request "RASHO-MON" (Japanese). "A rare piece of film art"—N. Y. Times Winner Grand Prize Venice Film Festival—"World's Best Picture." Academy Award as best foreign film.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Robert E. Luccock, Minister, The Church of the Redeemer, New Haven, Connecticut, will deliver the sermon at the University Service of Worship at 11:00 a.m. on Sunday, May 6th, in the University Chapel. His subject will be "Mirrors of Self-Discovery." The order of worship follows:

Presiding Minister: The Reverend Professor James T. Cleland,
Dean of the Chapel

Organ Preludes—Chaconne *Buxtehude*

Two Antiphons *Dupre*

Call to Worship—"Sanctus" from Mass II *Hassler*

Hymn—"O For A Thousand Tongues to Sing" *Carl G. Glaser*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Scripture—Luke 8:26-39

Hymn—"Beneath the Cross of Jesus" *Frederick C. Maker*

Call to Worship

The Pastoral Prayer of Adoration, Thanksgiving, Intercession,
Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Requiem Aeternam" from *Requiem Mass*
Mozart

Gretchen Rufty, soprano soloist

Response—The Doxology

Prayer of Dedication

Sermon—"Mirrors of Self-Discovery"

Prayer

Benediction

The Sevenfold Amen *Stainer*

The Chimes

Organ Postlude—Fugue in F minor *Bach*

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 6:30 P.M., Watts Street Baptist Church, "The Meaning of Prayer." Wednesday, 6:00 P.M., The Ark, East Campus, General Meeting, Speaker.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., Chapel Room, East Duke Building, East Campus.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Episcopal Center, Holy Communion; 5:30 P.M., Supper. Wednesday, 7:10 A.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:00 P.M., Chapel Hill Joint Pizza Dinner Meeting with U.N.C.-L.S.U. at Holy Trinity Lutheran Church. Program on Life Together by Dietrich Bonhoeffer. Wednesday, 7:30 A.M., Holy Communion, Memorial Chapel of Duke Chapel.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Study Groups; 6:00 P.M., Worship, Andre Diedrichs, preacher. Wednesday, 6:00 P.M., Holy

Communion. Friday, 7:45 P.M., Party at the Center. Applicants are now being accepted for the Community of Lay Scholars for next year. Please call the Methodist Chaplains (286-9230) or Miss Barbara Benedict (ext. 2909) for an appointment for an interview.

WESTMINSTER (PRESBYTERIAN) FELLOWSHIP: Sunday, 4:00 P.M., Dedication of Westminster House, the Presbyterian Student Center.

INTERNATIONAL CLUB PICNIC

To begin the functioning of the new executive council and as the last function for this semester, the International Club will have a picnic at 2:30 p.m. on Sunday, May 6th, in Duke Forest (Gate 8). Rides will be available at the East Campus Circle at 2:00 p.m. There will be sports and entertainment. Members of the University Community are invited to attend.

ORATORIO—CHAPEL CHOIR

The Chapel Choir will present the oratorio, *Requiem Mass*, by Mozart on Sunday, May 6th, at 4:00 p.m. in the University Chapel. Paul Young will conduct, and Mildred Hendrix is the organist. The members of the University Community are invited to attend. The program follows:

Requiem Mass *Wolfgang Amadeus Mozart*

Requiem Aeternam

Dies Irae

Tuba Mirum

Rex Tremendae

Recordare

Confutatis Maledictis

Lacrymosa

Domine Jesu

Hostias

Sanctus

Benedictus

Agnus Dei

Soloists:

Gretchen Rufty, soprano

Tina Pfohl, alto

Grier Davis, tenor

Byung Kwon, bass

ANNUAL FRENCH PLAY "ANTIGONE"

BY JEAN ANOUILH

The annual French play, presented under the auspices of the Department of Romance Languages, will be given on Sunday, May 6th at 8:30 p.m. on the steps of the Woman's College Auditorium. The play, "Antigone," by Jean Anouilh will be directed by Marie-Therese Liniere Dow of the French Department and the cast is composed of students in the Department. There will be no admission charge and the public is cordially invited to attend.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, May 7th, in the Auditorium, Biological Sciences Building, at 4:15 p.m. Mr. Paul Colinvaux will speak on "Studies on the Environment of the Bering Land Bridge."

Sediments of lakes adjacent to the Bering Sea in Northern Alaska have been shown by radiocarbon dating to have been laid down at a time when a land connection with Asia is thought to have existed. Pollen and microfaunal analyses of the sediments have been used to investigate past climates.

Coffee and tea will be served in the foyer at 4:00 p.m.

TRINITY COLLEGE HISTORICAL SOCIETY DINNER MEETING

The Trinity College Historical Society will meet on Monday, May 7th, at 5:30 p.m. in the Private Dining Room, Men's Graduate Center, to elect new officers and to hear members discuss their own Ph.D. dissertations, following a long Club tradition. Mr. Larry Addington will begin with a discussion of "General Halder, German Army Chief of Staff, 1938-1941." Following him will be Mr. Don Mathews on "The Slavery Controversies in the Methodist Episcopal Church, 1780-1844," Mr. John Moore on "Senator Josiah Bailey of North Carolina, 1931-1941," and Mr. Wesley H. Wallace on "The Development of Broadcasting in North Carolina, 1922-1948."

NROTC SUNSET PARADE

On Monday, May 7th, at 5:30 p.m. the Battalion of Midshipmen of the NROTC Unit will hold a Sunset Parade in the Stadium. This colorful review is the only ceremonial salute to evening colors performed in the Naval Service and is a tradition of long standing. Dr. Alan K. Manchester, Dean of Trinity College, will receive the review. The ceremony is open to the public, and spectators are requested to use the West Gate.

NAVAL RESERVE RESEARCH COMPANY 6-6 MEETING

Naval Reserve Research Company 6-6 will meet on Monday, May 7th, at 6:00 p.m. at the Chemstrand Research Center. The program features Mr. K. C. Beene, Community Relations Representative, Chemstrand Research Center, Incorporated. His topic will be "An Introduction to Polymer Research." The membership of this unit consists mostly of Naval Reserve Officers who are graduate students and faculty members of the three area universities. All Naval Reserve Officers of the University Community are invited to attend and consider affiliating with this unit.

ENGLISH DEPARTMENT LECTURE

The English Department will sponsor a lecture by Professor John Butt, Chairman, English Department, University of Edinburgh, on "Alexander Pope, the Man and the Poet" in the Music Room, East Duke Building on Monday, May 7th, at 8:00 p.m.

Professor Butt is a fellow of the British Academy and Regius Professor of Rhetoric and English Literature at the University of Edinburgh. He has taught at Leeds University, Oxford University, Bedford College of the University of London, King's College of the University of Durham, University of California at Los Angeles, and Yale University.

Professor Butt is the general editor of the Twickenham edition of Pope's poetry. He has published a study of Pope's taste in Shakespeare, an edition of Pope's *Imitations of Horace*, and a translation of Voltaire's *Candide*. He has also published a bibliography of Isaac Walton's *Lives* and books on *The Augustan Age* and *Fielding*. From 1947 to 1954 he was Editor of the *Review of English Studies*. His edition of the *Letters of Alexander Pope* appeared in 1960. With Kathleen Tillotson he has edited a book called *Dickens at Work*, and he is one of the editors of the forthcoming *Pilgrim Edition of Dickens' complete letters*. He is now collaborating with Professor Charles Richard Sanders of the Duke English Department in preparing for publication an edition of the complete letters of Thomas and Jane Welsh Carlyle.

CAMPUS CLUB GARDEN PARTY

The Campus Club will honor its newly elected officers at a Garden Party on Tuesday, May 8th, to be held at the University House from 3:00 to 5:00 p.m.

Serving as hostesses for the event will be Campus Club members of the Departments of Air Science, History, Law, and Physical Education of West Campus. Mrs. Walter Scott Persons is general chairman.

SIGMA XI LECTURE

Sigma Xi announces a lecture at their initiation meeting on Tuesday, May 8th, at 8:00 p.m. in the Biological Sciences Lectureroom. Dr. J. J. Hermans, Senior Staff Scientist, Chemstrand Research Center, Incorporated, will speak on "Thermodynamics of Swelling and Deformation."

Contractile systems, both in the dry and in the swollen state, have received considerable attention in recent years. Some aspects of the problems involved will be discussed and applications given. It is hoped that the problems treated will be of interest to physicists, chemists, and biochemists.

Dr. Hermans studied at the University of Leiden, Netherlands. He was Professor of Physical Chemistry at the University of Groningen and later at the University of Leiden. He is a past Director of Cellulose Research Institute of Syracuse, New York. He joined the Chemstrand Research Center in November, 1961.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, May 9th, at 4:00 p.m. in the Auditorium, Room 111, Biological Sciences Building. Mr. Duncan T. Patten, Department of Botany, will speak on "Vegetational Patterns in Relation to Environments in the Madison Range, Montana."

Refreshments will be served in the foyer at 4:00 p.m.

INTERDEPARTMENTAL SEMINAR

The Interdepartmental Seminar on the Anatomical and Physiological Bases of Behavior will be held on Wednesday, May 9th, at 4:00 p.m. in Room 2031 Duke Hospital. Dr. Kenneth D. Roeder, Chairman, Department of Biology, Tufts University, will speak on "Ultrasonic Detection of Bats by Noctuid Moths."

JOINT DUKE-U. N. C. PHYSICS COLLOQUIUM

The Joint Duke-U. N. C. Physics Colloquium will meet Wednesday, May 9th, at 4:00 p.m. in Room 114 Physics Building. The speaker will be Dr. Hans Frauenfelder of the University of Illinois. His subject will be "Mössbauer Effect."

Tea and coffee will be served at 3:45 p.m.

STUDENT VIOLIN RECITAL

There will be a Student Violin Recital on Wednesday, May 9th, at 8:15 p.m. in the Music Room, East Duke Building. Students of Julia Mueller will perform, and the University Community is cordially invited to attend this recital sponsored by the Department of Music.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, May 10th, at 12:30 p.m. in Room 144 Biological Sciences Building. Mr. Bruce Welch will speak on "Aspects of Succession in Shallow Coastal Waters of the Caribbean."

DUKE SYMPHONY ORCHESTRA STUDENT CONCERTI AND ARIAS CONCERT

The Department of Music will present the Duke Symphony Orchestra under the direction of Allan Bone in a Student Concerti and Arias Concert on Thursday, May 10th, at 8:15 p.m. in Page Auditorium. The members of the University Community are cordially invited to attend. The program is as follows:

Concerto No. 21 in C major, Mov. 1	Mozart
Jane Bowness	
Concerto No. 4, Mov. 1	Beethoven
Nancy Lassiter	
"Adelaide"	Beethoven
Michael Best, tenor soloist	
Intermission	
Ah forse Lui from <i>La Traviata</i>	Verdi
Nancy Lassiter, soprano soloist	
Concerto No. 2, Mov. 1	Rachmaninoff
Lydia Cantrell	
Mov. 2	Frank Gray
Mov. 3	Carol Williams

AMERICAN SOCIETY OF INTERNATIONAL LAW

The Southeastern Regional Meeting of the American Society of International Law will be held at the Law School on Friday, May 11th, and Saturday, May 12th. Professor Hans W. Baade of the Law School Faculty is Chairman of the Meeting, which is supported by the Duke University Committee on International Relations. The University Community is cordially invited to attend all lectures offered during this Regional Meeting. The program is as follows:

Friday, May 11

9:00-12:00 N.—Registration. Room 204 Law School.

11:00 a.m.—"The Legal Impact of the United Nations Operations on Congolese Domestic Jurisdiction." Speaker: Professor Thomas M. Franck, New York University School of Law. Room 208 Law School.

3:00 p.m.—"United States Commercial Policy and European Integration" (in conjunction with Political Science Graduate Seminar). Speaker: Dr. Herman J. Walker, Chief, Trade Agreements Division, U. S. Department of State. Room 208 Flowers Building.

5:30 p.m.—Reception. Holiday Inn, 605 West Chapel Hill Street.

6:30 p.m.—Banquet. Holiday Inn.

8:15 p.m.—"The Evolution of Ghana Law Since Independence." Speaker: Dean William B. Harvey, University of Ghana Law Faculty; Director of Legal Education of Ghana. Room 208 Law School.

Saturday, May 12

10:15 a.m.—"Aspects of Teaching and Research in the Field of African Legal Studies." Speaker: Professor Denis V. Cowen, University of Chicago School of Law. Room 208 Law School.

12:15 p.m.—International Law Teachers' Luncheon. Oak Room, West Dining Halls.

POLITICAL SCIENCE GRADUATE SEMINAR

Dr. Herman Walker, Jr., Chief, Trade Agreements Division, United States Department of State, will speak at the Political Science Graduate Seminar to be held on Friday, May 11th, at 3:00 p.m. in Room 208 Flowers Building. His subject will be "United States Commercial Policy and European Integration."

SENIOR PIANO RECITAL

The Department of Music will present a student senior recital by Virginia Warr, pianist, in the Music Room, East Duke Building, on Friday, May 11th, at 7:30 p.m. Miss Warr is a student of Alice Wilkinson. The members of the University Community are cordially invited to attend. The program will be as follows:

I

Prelude in G, Book I, WTC
Sonata in F minor, Op. 2, No. 1
Allegro
Adagio
Prestissimo

Bach
Beethoven

II

Voiles
Prelude in B minor
Ballade in A-flat, Op. 47

Debussy
Kabalevsky
Chopin

ART EXHIBITION

There will be an exhibition of Contemporary Japanese Prints by Kyoshi Saito and Kaoru Kawano in the Woman's College Library Exhibition Gallery from Thursday, May 10th, through Saturday, June 30th.

DUKE UNIVERSITY GROUP TRAVEL PLAN

A decision of the Civil Aeronautics Board just announced extends the permissible period for the new air fares to Europe for groups of twenty-five people. The Duke flight (KLM DC8 Jet Plane #622 New York to London via Glasgow on Thursday, June 14th, and returning on KLM #641 Amsterdam to New York on Monday, August 27th) will operate, therefore, as scheduled if there are twenty-five interested persons. Round trip fare is \$326.00. You are urged to report **immediately** to Room 202-A Flowers Building if you wish this transportation. The requisite number must be enrolled at once to assure the flight. Further information may be secured in Room 202-A Flowers Building or by calling Extension 2911.

CONDITIONS

1. Group must contain at least 25 members. Two children, ages 2 to 12 years, count as one member.
2. Eligible for membership—students and personnel who have

been continuously affiliated with Duke for at least six months prior to application. Personnel may be accompanied by their immediate families. Parents in whose home students are residents may accompany the student.

3. Reservation deposit of \$50 must accompany application. This will be applicable to the fare and totally refundable in case of cancellation prior to final payment. Balance of fare payable not later than May 8th.
4. In case of cancellation after final payment and up to 5 days before departure, refund can be made to as many as 10 persons provided replacements are secured. Group may not depart without 25 paid passages. Cancelling members may apply their reduced fare to a full rate flight on another date. In such case, the reduced portion of the regular fare will not be refundable should there be a second cancellation.
5. Members must travel round trip with the group.

JULIA DALE PRIZE IN MATHEMATICS

1. Content: Examination on the material covered in Math 21-22 and Math 63-64.
2. Eligibility: Those students who are now taking Math 64 and those students who have completed this course (or its equivalent) since last commencement.
3. Prizes: Cash prizes of approximately \$30. for first prize and approximately \$20. for second prize. The distinction of winning is a valuable asset on a student's record. The names of the winner and the runner-up are listed on the commencement program. The committee reserves the right to withhold the awards if the results of the examination are not of sufficient merit.
4. Time: 7:00-9:00 p.m., May 10th.
5. Place: Room 132 Physics Building.
6. Procedure: Come at the appointed time and bring a mathematics exam book with you. Do not write your name on this book.

ANNOUNCEMENT OF 1962-63 ARTISTS SERIES

The 1962-63 Duke University Artists Series announces the following concerts for the 1962-63 Season:

Thursday, November 1

THE LITTLE ORCHESTRA OF NEW YORK
with FRANK GLAZER, piano soloist

Thursday, November 29

THE GOLDOVSKY GRAND OPERA THEATER
"La Traviata"

Friday, January 4

RUGGIERO RICCI, violinist

Tuesday, February 12 (Indoor Stadium)

THE MINNEAPOLIS SYMPHONY ORCHESTRA
STANISLAW SKROWACZEWSKI, conductor

Tuesday, March 12

SAN FRANCISCO BALLET

Season ticket reservations priced at \$8.00, \$9.00, and \$10.00 are available in Room 202-A Flowers Building, by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station, Durham, North Carolina.

"MUSIC NOW"

The Department of Music presents "Music Now," a series of consecutive Thursday evenings with Iain Hamilton at 9:00 p.m. carried by WUNC-TV on Channel 4. Iain Hamilton, Mary Duke Biddle Professor of Music, is assisted by performing artists from the Department of Music. Guest performers include the North Carolina String Quartet and Ethel Casey, soprano. The series, sponsored by the Department of Music in co-operation with WUNC-TV, is as follows:

April 19—Introductory Lecture.

April 26—Schoenberg.

May 3—Stravinsky.

May 17—Interview with Vittorio Giannini.

May 24—Bartok.

May 31—Interview with Vincent Persichetti.

June 7—Hindemith.

June 14—Webern and Berg.

June 21—Boulez and Stockhausen.

June 28—Summary Lecture.

ADVANCE NOTICE BAND LAWN CONCERT

The Duke University Concert Band, under the direction of Mr. James Henry, Assistant Director of Bands and Woodwind Instructor, will give a spring lawn concert Sunday, May 13th at 4:00 p.m. in the Sarah B. Duke Memorial Gardens. A special added attraction to this concert will be a featured vocal solo by Miss Claudia Bray of East Point, Georgia. Also featured on the afternoon concert are Fillmore's Marches "Americans We" and "His Honor," "Italian Polka" by Rachmaninoff, Tchaikowsky's "Marche Slav," "West Side Story" by Bernstein, "Beguine for Band" by Osser and Bernard Green's arrangement of "Dixieland Festival."

The public is cordially invited.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Gordon Esley Finnie for the Ph.D. degree in Religion will be held on Monday, May 7th, at 10:00 a.m. in the Library Conference Room (102). The subject of Mr. Finnie's dissertation is "The Antislavery Movement in the South, 1787-1836: Its Rise and Decline, and Its Contribution to Abolitionism in the West." The committee to conduct the examination consists of Professors H. Shelton Smith, Waldo Beach, Stuart C. Henry, Hans J. Hillerbrand, and John R. Alden. Professor Smith will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Richard Hodel for the Ph.D. degree in Mathematics will be held on Monday, May 7th, at 4:00 p.m. in Room 219 Physics

Building. The subject of Mr. Hodel's dissertation is "Open Functions and Dimension Theory." The committee to conduct the examination consists of Professors J. H. Roberts, J. R. Shoenfield, Seth L. Warner, L. Carlitz, and N. L. Wilson. Professor Roberts will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Walter V. Bouldin for the Ph.D. degree in Physics will be held on Tuesday, May 8th, at 2:00 p.m. in Room 218 Physics Building. The subject of Mr. Bouldin's dissertation is "Electron Spin Resonance Studies of Free Radicals Generated by Gamma—Irradiation at 4.2°K." The committee to conduct the examination consists of Professors Walter Gordy, Henry W. Newson, R. M. Williamson, Horst Meyer, and T. M. Gallie. Professor Gordy will preside.

UNDERGRADUATE FACULTY COUNCIL MEETING

The Undergraduate Faculty Council will meet on Thursday, May 10th, at 4:00 p.m. in Room 208 Flowers Building.

AMERICAN CHEMICAL SOCIETY MEETING

The North Carolina Section of the American Chemical Society is holding a Meeting-in-Miniature on Friday, May 11th, in the Chemistry Building from 1:30 until 5:00 p.m. A review paper, "Advances in the Theory of Gas Chromatography," will be delivered at 4:00 p.m. by Professor Charles N. Reilley, University of North Carolina, before the Physical-Analytical-Inorganic-Polymer Session in Room 01 Chemistry Building.

The Organic-Biochemistry Session will meet in Room 116 Chemistry Building and will hear review papers by Dr. Monroe Wall, "Structure-Function-Relationships in the Sterioids" and by Dr. Samuel Levine, "New Developments in Steriod Photo-Chemistry" at 1:30 p.m. Drs. Wall and Levine are from the Research Triangle Institute.

Members of the University Community who are interested are cordially invited to attend.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. G. David Cooper for the Ph.D. degree in Psychology will be held on Thursday, May 10th, at 2:00 p.m. in Room 206 Psychology Laboratory. The subject of Mr. Cooper's dissertation is "Changes in Ego Strength Following Brief Perceptual Deprivation." The committee to conduct the examination consists of Professors Louis Cohen, Donald Adams, Lloyd Borstelmann, W. Scott Gehman, and Karl Zener. Professor Cohen will preside.

STUDENT UNION YOUNG ARTISTS SERIES

JOAN BAEZ

The Student Union Young Artists Series will present JOAN BAEZ, singer of traditional folk songs, on Friday, May 11th, at 8:15 p.m. in Page Auditorium. THE GREENBRIAR BOYS will accompany Miss Baez in portions of her concert.

The New York Times called Miss Baez "the proudest product of the current urban folk song revival" and continued that "her enormous talent springs from a soprano voice, surprisingly never trained, that has a purity, penetrating clarity and control that not a few art singers would envy." Her repertoire includes American folk numbers interspersed with folk songs of foreign lands.

Of special interest will be a square dance to be held following the concert in the Flowers Parking Area; music will be furnished by THE GREENBRIAR BOYS and is open to the public.

Tickets for the concert, priced at \$1.00, \$1.50, \$2.00, and \$2.50, are available at the Page Auditorium Box Office between 2:00 and 5:00 p.m., Extension 2911.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. William Oliver Walker, Jr. for the Ph.D. degree in Religion will be held on Saturday, May 12th, at 10:00 a.m. in the Library Conference Room. The subject of Mr. Walker's dissertation is "Cultus and Tradition: A Contribution to the Problem of Faith and History in the Old Testament." The committee to conduct the examination consists of Professors Hugh Anderson, William Stinespring, John Strugnell, J. L. Price, and Robert Rogers. Professor Anderson will preside.

ADVANCE ANNOUNCEMENT 1962-63 CHAMBER MUSIC CONCERTS

The Chamber Arts Society gives advance notice of the following concerts for the 1962-63 season:

Saturday, October 20—Juilliard Quartet

Saturday, November 17—Ralph Kirkpatrick (Harpsichord)

Saturday, December 1—Fine Arts Quartet

Saturday, January 19—Hermann Prey (Baritone)—
"Liederabend"

Saturday, February 9—Albeneri Trio

Saturday, March 9—Duo di Roma (Piano-Cello)

These concerts will be given in the Music Room, East Duke Building, at 8:15 p.m.

Membership in the Chamber Arts Society, admitting to all concerts, will cost \$12.00. Guest Card for any one concert will cost \$2.50; seventy Guest Cards are available before each concert. Letter with membership application form, schedule, and programs will be sent in September to all present members and to any others who are interested. Inquiries may be addressed to Ernest W. Nelson, Box 6065 College Station.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Albert J. Robinson for the Ph.D. degree in Economics will be held on Saturday, May 12th, at 10:30 a.m. in Room 106B Social Science Building. The subject of Mr. Robinson's dissertation is "Some Aspects of Economic Growth in Australia, 1946 to 1959." The committee to conduct the examination consists of Professors R. S. Smith, C. E. Ferguson, W. P. Yohe, A. M. Cartter, and R. T. Cole. Professor Smith will preside.

STUDENT UNION ART EXHIBIT

The Student Union Fine Arts Committee announces a showing of the works of Mrs. Edith London of the Department of Art. The exhibition, which may be seen from 9:00 a.m. until 7:00 p.m. daily, is in the Woman's College Union.

Edith London's work has won two purchase prizes in Raleigh—"Trees" (an ink drawing)—in the 18th North Carolina Artists' Annual, and "Provincetown Memories" (oil) in the 1956 Annual. Her three favorite media are oil, ink, and collage. She has studied at the Kaiser Friedrich Museum in Berlin, the British Academy in Rome, the Ashmolean Museum at Oxford, England, and in Paris with Marcel Gromaire and Andre Lhote.

ADVANCE NOTICE A.A.U.P. MEETING

Dean Alexander Heard, Dean of the Graduate School of the University of North Carolina, will be the speaker at the May 15th meeting of the American Association of University Professors. His topic will be "Graduate Education." The yearly election of officers will also be held.

ADVANCE NOTICE NORTH CAROLINA SYMPHONY CONCERT

The Durham Chapter of the North Carolina Symphony Orchestra and the Duke University Student Union take pleasure in announcing that Miss Eleanor Steber of the Metropolitan Opera Company will appear as guest artist in concert with the North Carolina Symphony Orchestra to be held on Monday, May 14th, at 8:15 p.m. in Page Auditorium.

Admittance is by regular membership in the Society. Membership cards may be obtained at the door beginning at 7:30 p.m. The membership is as follows: Student—\$1.00, Single—\$3.00, Joint—\$5.00.

The program follows:

Overture to oratorio "Theodora"	Handel
Symphony No. II	Schumann
Intermission	
Motet, Exultate Jubilate (K. 165)	Mozart
Miss Steber	
Vissi D'Arte, vissi d'Amor, from the opera "Tosca"	Puccini
Miss Steber	
Street in a Frontier Town, from the ballet "Billy the Kid"	Copeland
Roumanian Rhapsody No. I	Enesco

WEEK OF
May 13-19, 1962

CALENDAR

WEEK OF
May 13-19, 1962

OF

DUKE UNIVERSITY



Events of the Week

Sunday, May 13

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon: "Family Man." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Concert Band Lawn Concert. Sarah B. Duke Memorial Gardens.

8:30 p.m. Play Production Class: One Act Plays. Branson Hall.

Monday, May 14

10:00 a.m. Final Examination of Mr. James Oscar Hagwood for the Ph.D. Degree in Religion. Library Conference Room (103).

2:00 p.m. Final Examination of Mr. Kenneth A. Boni for the Ph.D. Degree in Chemistry. Room 220 Chemistry Building.

2:00 p.m. Final Examination of Mr. Leslie Chard for the Ph.D. Degree in English. Library Conference Room.

3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:15 p.m. Zoology Seminar. Biological Sciences Auditorium. Speaker: Miss Marilyn Stagner.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

6:00 p.m. Naval Reserve Research Company 6-6 Meeting. Naval Reserve Training Center. Speaker: Dr. T. W. Johnson.

8:00 p.m. Erasmus Club Meeting. Music Room, East Duke Building. Speaker: Dr. Marcel Tetel.

8:15 p.m. North Carolina Symphony Orchestra Concert: Eleanor Steber, soloist. Page Auditorium.

8:15-9:30 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Tuesday, May 15

10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Harmon L. Smith.

4:00 p.m. American Institute of Electrical Engineers Meeting. Dreyfus Auditorium, Research Triangle Institute. Speaker: Dr. Robert M. Burger.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

- 4:00 p.m. Joint Duke-U. N. C. Physics Colloquium. Room 114 Physics Building. Speaker: Dr. Benjamin Beyman.
- 4:00 p.m. Mathematics Seminar. Room 113 Physics Building. Speaker: Mr. Richard E. Hodel.
- 4:15-6:00 p.m. Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 8:00 p.m. American Association of University Professors Meeting. Room 208 Flowers Building. Speaker: Dean Alexander Heard.
- 8:15 p.m. Student Piano Recital. Music Room, East Duke Building.

Wednesday, May 16

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Harmon L. Smith.
- 2:00 p.m. Joint Military Review. Parade Ground next to Coombs Field.
- 2:00 p.m. Final Examination of Mr. Dewayne Peterson for the Ph.D. Degree in English. Room 312 Allen Building.
- 4:00 p.m. Interdepartmental Seminar. Room 2031 Duke Hospital. Speaker: Dr. Mortimer Mishkin.
- 4:30 p.m. Joint Duke-U. N. C. Physics Colloquium. Room 265 Phillips Hall, Chapel Hill. Speaker: Mr. J. L. Blankenship.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "TWO WAY STRETCH"—A witty mockery of British prison reform starring Peter Sellers. "Hilarious"—World Telegram. "Wickedly funny"—New Yorker. "Clever and full of wit . . . performances are delicious"—Times.

Thursday, May 17

Duke University Symposium on the Regional Implications of Space Research. (See special notice.)

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Mr. Kenneth Alexander, Misses Diana Harrison and Mae Braswell.
- 11:30 a.m. Civil Engineering Seminar. Civil Engineering Staff Room, Engineering Building. Speaker: Mr. A. E. Palmer.
- 12:30 p.m. Plant Ecology Seminar. Room 144 Biological Sciences Building. Speaker: Mr. Jack vanWyk.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 2:00 p.m. Final Examination of Mr. Harold Wilson Mann for the Ph.D. Degree in History. Library Conference Room.

- 3:00 p.m. Final Examination of Mr. James P. Barrett for the Ph.D. Degree in Forestry, Room 216 Biological Sciences Building.
- 3:00-5:00 p.m. Newcomers Club Meeting. Home of Mrs. R. Taylor Cole, 7 Sylvan Road.
- 4:00 p.m. Graduate School Faculty Meeting. Room 208 Flowers Building.
- 5:00 p.m. Spring Semester Classes end.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 8:15-9:30 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 9:00 p.m. "Music Now." Iain Hamilton interviews Vittorio Giannini. WUNC-TV Channel 4.

Friday, May 18

- 10:10 a.m. Divinity School Chapel Service. York Chapel. Dean Robert B. Cushman, Professor John J. Rudin, II, Mr. J. P. Floyd.
- 12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.
- 2:00 p.m. Final Examination of Mr. Thor Hall for the Ph.D. Degree in Religion. Room 112 Divinity School.
- 2:00 p.m. Final Examination of Mr. Gerald Seymour Leventhal for the Ph.D. Degree in Psychology. Room 208 Bivins Building.
- 3:00 p.m. Final Examination of Mrs. Mary Jane Hamilton for the Ed.D. Degree. Room 08A West Duke Building.
- 4:15-6:00 p.m. Concert Band Rehearsal. Asbury Auditorium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their mothers.

Saturday, May 19

Examinations begin.

- 8:30 a.m. Final Examination of Mr. William K. Bott for the Ed.D. Degree. Room 08A West Duke Building.
- 9:30 a.m. Final Examination of Mr. John D. Hewlett for the Ph.D. Degree in Botany. Room 140 Biological Sciences Building.
- 4:00-5:30 p.m. Chapel Choir Rehearsal. University Chapel.
- 4:00 p.m. Faculty Club Picnic. Lawn, East Campus Gymnasium.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "TWO WAY STRETCH"—A witty mockery of British prison reform starring Peter Sellers. "Hilarious"—World Telegram. "Wickedly funny"—New Yorker. "Clever and full of wit . . . performances are delicious"—Times.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Howard C. Wilkinson, Chaplain to the University, will deliver the sermon at the University Service of Worship at 11:00 a.m. on Sunday, May 13th, in the University Chapel. His subject will be "Family Man." The order of worship follows:

Presiding Minister: The Reverend Robert P. Hyatt, Associate
Director of Religious Life, West Campus
Organ Postludes—Now Let Us Sing With Joy *Bach*
Adagio *Fiocco*
Aria *Flor Peeters*
Call to Worship—"Sanctus" from Mass II *Hassler*
Hymn—"Come, Thou Almighty King"
Prayer of Confession
Words of Assurance
The Lord's Prayer
Anthem—"Mighty Spirit, All Transcending" *Mozart*
Scripture—Ephesians 3:7-21
Hymn—"Blest Be the Tie That Binds" *Hans G. Nägeli*
Call to Prayer
The Pastoral Prayer of Adoration, Thanksgiving, Intercession,
Petition, and Dedication
The Offering
Offertory Organ Interlude
Anthem—"Alleluia" *Randall Thompson*
Response—The Doxology
Prayer of Dedication
Sermon—"Family Man"
Prayer
Benediction
The Sevenfold Amen *Stainer*
The Chimes
Organ Postlude—Toccata *Lemeneus*

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 6:30 P.M., Watts Street Baptist Church, "The Meaning of Prayer." Wednesday, 6:00 P.M., The Ark, East Campus, General Meeting.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., Chapel Room, East Duke Building, East Campus.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Episcopal Center, Holy Communion; 5:30 P.M., Supper. Wednesday, 7:10 A.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room, East Duke—Fletcher Rice, Duke graduate student in Religion, will speak on, "Authority in the Church: Biblical and Others." Wednesday, 7:30 A.M., Holy Communion, Memorial Chapel of Duke Chapel.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Methodist Center, Study Groups; 6:00 P.M., Worship—Bill Vestal, preacher. Wednesday, 6:00 P.M., Holy Communion. Following the worship

Sunday evening, the congregation will have an informal fellowship hour in honor of Art Holmes, Assistant Chaplain, who will be leaving during the following week.

Applicants are now being accepted for the Community of Lay Scholars for next year. Please call the Methodist Chaplains (286-9230) or Miss Barbara Benedict (ext. 2909) for an appointment for an interview.

UNITARIAN FELLOWSHIP: Annual picnic at the Vosburgh farm on Sunday, May 13th, from 3 to 7 P.M. Short business meeting. Durham group will supply food and transportation for the Duke group and their dates if the students will notify Mrs. McHugh, 682-1077, between 6 and 8 P.M. before Saturday, May 12th. Anyone may call the Vosburghs, 477-4760, for directions to the farm.

WESTMINSTER (PRESBYTERIAN) FELLOWSHIP: Sunday, 5:30 P.M., Meet at Westminster House to go to Chaplain's home for picnic supper.

CONCERT BAND LAWN CONCERT

The Duke University Concert Band, under the direction of Mr. James Henry, Assistant Director of Bands and Woodwind Instructor, will give a Spring Lawn Concert, on Sunday, May 13th, at 4:00 p.m. in the Sarah B. Duke Memorial Gardens. A special added attraction to this concert will be a featured vocal solo by Miss Claudia Bray. Also on the afternoon concert are Fillmore's marches, "Americans We" and "His Honor," "Italian Polka" by Rachmaninoff, Tchaikowsky's "Marche Slav," "West Side Story" by Bernstein, "Beguine for Band" by Osser, and Bernard Green's arrangement of "Dixieland Festival." The public is cordially invited to attend.

PLAY PRODUCTION CLASS PRESENTS ONE ACT PLAYS

The annual program of one act plays, which are directed by students in Play Production Class, English 122, will be presented in Branson Hall on Saturday and Sunday, May 12th and 13th, at 8:30 p.m. Admission is free.

The program for Saturday includes a scene from "The School for Scandal," by Sheridan; "The Sandbox," by Edward Albee; "A Mime," by Samuel Beckett; and "This Property Is Condemned," by Tennessee Williams.

On Sunday the scene from "The School for Scandal" will be repeated, while new offerings will be "The Still Alarm," by George S. Kaufman, and a scene from "Cat on a Hot Tin Roof," by Tennessee Williams.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. James Oscar Hagwood for the Ph.D. degree in Religion will be held on Monday, May 14th, at 10:00 a.m. in the Library Conference Room (103). The subject of Mr. Hagwood's dissertation is "The Religious Background of the Gospel of John." The committee to conduct the examination consists of Professors Hugh Anderson, W. F. Stinespring, James L. Price, Jr., John Struggnell, and R. S. Rogers. Professor Anderson will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Kenneth A. Boni for the Ph.D. degree in Chemistry will be held on Monday, May 14th, at 2:00 p.m. in Room 220 Chemistry Building. The subject of Mr. Boni's dissertation is "The Hydrogen Ion-Alkali Cation Exchange in Aqueous-Nonaqueous Mixtures." The committee to conduct the examination consists of Professors H. A. Strobel, D. G. Hill, J. C. Poirier, Frances Brown, and F. G. Dressel. Professor Strobel will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Leslie Chard for the Ph.D. degree in English will be held on Monday, May 14th, at 2:00 p.m. in the Library Conference Room. The subject of Mr. Chard's dissertation is "Wordsworth's Radical Career, 1791-1798." The committee to conduct the examination consists of Professors Lionel Stevenson, Benjamin Boyce, M. M. Bevington, Arlin Turner, and Arthur Ferguson. Professor Stevenson will preside.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, May 14th, in the Biological Sciences Auditorium at 4:15 p.m. Miss Marilyn Stagner will speak on "Standing Crop and Productivity in the Tree Stratum of a Pinyon-Juniper Ecosystem in Arizona."

Miss Stagner has made standing crop and productivity studies of the four tree species in the pinyon-juniper community of northern Arizona. Previous studies of productivity have been of communities that were mesic to wet, and it is now possible, for the first time, to compare the early results with some from a more xeric environment.

Coffee and tea will be served in the foyer at 4:00 p.m.

NAVAL RESERVE RESEARCH COMPANY 6-6 MEETING

Naval Reserve Research Company 6-6 will meet on Monday, May 14th, at 6:00 p.m. at the Naval Reserve Training Center, 724 Foster Street, Durham. The program features Dr. T. W. Johnson, Professor of Botany. His topic will be "Marine Mycology—Fungi of the Sea." The membership of this unit consists mostly of Naval Reserve Officers who are graduate students and faculty members of the three area universities. All Naval Reserve Officers of the University Community are invited to attend and consider affiliating with this unit.

ERASMUS CLUB MEETING

The Erasmus Club will meet at 8:00 p.m. on Monday, May 14th, in the Music Room, East Duke Building. The Erasmus Club Prize will be awarded to the winner of the annual contest, and officers for the coming year will be elected. Professor Marcel Tetel, Department of Romance Languages, will read a paper entitled "Pulci and Rabelais: A Revaluation." Members of the University Community are welcomed to this meeting.

NORTH CAROLINA SYMPHONY CONCERT

The Durham Chapter of the North Carolina Symphony Orchestra and the Duke University Student Union take pleasure in announcing that Miss Eleanor Steber of the Metropolitan Opera Company will appear as guest artist in concert with the North Carolina Symphony Orchestra to be held on Monday, May 14th, at 8:15 p.m. in Page Auditorium. The Orchestra will be conducted by Dr. Benjamin Swalin.

Admittance is by regular membership in the Society. Membership cards may be obtained at the door beginning at 7:30 p.m. The membership is as follows: Student—\$1.00, Single—\$3.00, Joint—\$5.00.

The program follows:

Overture to oratorio "Theodora"	<i>Handel</i>
Symphony No. II	<i>Schumann</i>
Intermission	
Motet, Exultate Jubilate (K. 165)	<i>Mozart</i>
Miss Steber	
Vissi D'Arte, vissi d'Amor, from the opera "Tosca"	<i>Puccini</i>
Miss Steber	
Street in a Frontier Town, from the ballet "Billy the Kid"	<i>Copeland</i>
Roumanian Rhapsody No. I	<i>Enesco</i>

AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS MEETING

The Technical Group on Research, Eastern North Carolina Sub-Section, American Institute of Electrical Engineers, will meet on Tuesday, May 15th, at 4:00 p.m. in Dreyfus Auditorium, Research Triangle Institute. The speaker will be Dr. Robert M. Burger, Senior Physicist, Research Triangle Institute; his topic will be "One Approach to Microsystem Electronics—The Semi-Conductor Functional Electronic Structure."

The Technical Group on Research meets to discuss research problems of interest to the scientists and engineers of the Research Triangle Area. There are no dues or qualifications for membership. All interested persons are invited to attend.

JOINT DUKE-U. N. C. PHYSICS COLLOQUIUM

The Joint Duke-U.N.C. Physics Colloquium will meet Tuesday, May 15th, at 4:00 p.m. in Room 114 Physics Building. The speaker will be Dr. Benjamin Beyman of Princeton University, speaking on "Direct Reactions in Nuclear Structure."

Tea and coffee will be served at 3:45 p.m.

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, May 15th, at 4:00 p.m. in Room 113 Physics Building. The speaker will be Mr. Richard E. Hodel; his topic will be "Open Functions and Dimension."

Coffee will be served in Room 132 Physics Building at 3:30 p.m.

A.A.U.P. MEETING

The Duke University Chapter of the American Association of University Professors will meet on Tuesday, May 15th, at 8:00 p.m. in Room 208 Flowers Building. Following the annual election of officers, Dean Alexander Heard, Dean of the Graduate School, University of North Carolina, will speak on "Southern Graduate Education: Regional Roles and National Standards."

Members who have not yet paid their chapter dues of \$1.00 are requested to do so as soon as possible. Checks may be mailed to the treasurer, Professor B. Jezierski, Room 404 General Library.

STUDENT PIANO RECITAL

The Department of Music will present the students of Alice Wilkinson in a piano recital on Tuesday, May 15th, at 8:15 p.m. in the Music Room, East Duke Building. The public is cordially invited to attend. The program is as follows:

Prelude and Fugue in E, Book I, WTC	<i>Bach</i>
David Stewart	
Prelude in E-flat minor, Book I, WTC	<i>Bach</i>
Lynn Bixler	
Concerto in B-flat, K.595	<i>Mozart</i>
Allegro	
Ann Uzzell	
Reverie	<i>Debussy</i>
Maripat Hill	
Sonata in G, Op. 79	<i>Beethoven</i>
Presto alla Tedesca	
Mary Scott Hopper	
Nocturne in F minor, Op. 55, No. 1	<i>Chopin</i>
Allan Kahn	
Sonata in D, Op. 10, No. 3	<i>Beethoven</i>
Presto	
Craig Worthington	
Prelude in F-sharp minor	<i>Kabalevsky</i>
Mary Ellen Cyrus	
Sonata in B-flat, K.315	<i>Mozart</i>
Allegro	
Mary McCrary	
La Fille aux Cheveux de lin	<i>Debussy</i>
Betsy Pine	
Concerto in B-flat, K.595	<i>Mozart</i>
Allegro scherzando	
Rosalind Grier	
La Cathedrale Engloutie	<i>Debussy</i>
Linda Stritzinger	
Impromptu in A-flat, Op. 90	<i>Schubert</i>
Paul Echols	
Nocturne in E-flat, Op. 9, No. 2	<i>Chopin</i>
Robert Diamond	
Dance in Bulgarian Rhythms, No. 6	<i>Bartok</i>
Eleanor Dantzler	

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Dewayne Peterson for the Ph.D. degree in English will be held on Wednesday, May 16th, at 2:00 p.m. in Room 312 Allen Building. The subject of Mr. Peterson's dissertation is "Poe's Grotesque Humor: A Study of the Grotesque Effects in His Humorous Tales." The committee to conduct the examination consists of Professors Arlin Turner, Louis Budd, Charles E. Ward, C. Richard Sanders, and Herman Salinger. Professor Turner will preside.

INTERDEPARTMENTAL SEMINAR

The Interdepartmental Seminar on the Anatomical and Physiological Bases of Behavior will be held on Wednesday, May 16th, at 4:00 p.m. in Room 2031 Duke Hospital. Dr. Mortimer Mishkin, Section of Neuropsychology, National Institute of Mental Health, will speak on "Visnal Mechanisms Beyond the Striate Corgex."

JOINT DUKE-U. N. C. PHYSICS COLLOQUIUM

The Joint Duke-U. N. C. Physics Colloquium will meet again on Wednesday, May 16th, at 4:30 p.m. in Room 265 Phillips Hall, Chapel Hill. Mr. J. L. Blankenship, Oak Ridge National Laboratory, will speak on "Detection of Fast Particles by Means of Semiconductor Devices." Tea and coffee will be served in the lonnげ at 4:00 p.m.

JOINT MILITARY REVIEW

On Wednesday, May 16th, the Naval and Air Force Reserve Officers' Training Corps Units will present their twelfth annual Joint Military Review in observance of Armed Forces Week and to honor their outstanding Midshipmen and Cadets. The Review and Presentation Ceremony will begin at 2:00 p.m. on the Parade Ground next to Coombs Field.

CIVIL ENGINEERING SEMINAR

A seminar on "Changes in AISC Specifications for the Design of Structural Steel Buildings" will be given by Mr. A. E. Palmer, Associate Professor, Department of Civil Engineering, at 11:30 a.m. on Thursday, May 17th, in the Civil Engineering Staff Room, Engineering Building. All those interested are cordially invited to attend.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Harold Wilson Mann for the Ph.D. degree in History will be held on Thursday, May 17th, at 2:00 p.m. in the Library Conference Room. The subject of Mr. Mann's dissertation is "The Life and Times of Atticus Greene Haygood." The committee to conduct the examination consists of Professors Robert H. Woody, John Tate Lanning, Richard L. Watson, Jr., Harold T. Parker, and Stuart C. Henry. Professor Woody will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. James P. Barrett for the Ph.D. degree in Forestry will be held on Thursday, May 17th, at 3:00 p.m. in Room 216 Biological Sciences Building. The subject of Mr. Barrett's dissertation is "Relation of Relative Oleoresin Yielding Potential to Geographic Seed Source of Slash Pine." The committee to conduct the examination consists of Professors J. G. Osborne, C. W. Ralston, P. J. Kramer, T. M. Gallie, and F. W. Woods. Professor Osborne will preside.

NEWCOMERS CLUB MEETING

The final meeting of the Newcomers Club will be held at the home of Mrs. R. Taylor Cole, 7 Sylvan Road, on Thursday, May 17th, from 3:00 to 5:00 p.m. Campus Club President, Mrs. L. Stevenson and incoming Newcomers Club President, Mrs. Everett Hopkins will pour tea. Outgoing presidents Mrs. Ray C. Petry and Mrs. L. Biedenham will assist in receiving guests.

GRADUATE SCHOOL FACULTY MEETING

The Graduate School Faculty will meet on Thursday, May 17th, at 4:00 p.m. in Room 208 Flowers Building.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, May 17th, at 12:30 p.m. in Room 144 Biological Sciences Building. Mr. Jack vanWyk will speak on "Ecological Problems Resulting from the 'Secret Transplantations' of the Medicine Men (Witch Doctors) in South Africa, and a Discussion of Some of the Interesting Preparations Made from Plants."

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Thor Hall for the Ph.D. degree in Religion will be held on Friday, May 18th, at 2:00 p.m. in Room 112 Divinity School. The subject of Mr. Hall's dissertation is "A Study of Lndensian Theological Methodology as Represented in the Thought of Ragnar Bring." The committee to conduct the examination consists of Professors Robert E. Cushman, Frederick Herzog, Hans J. Hillerbrand, Waldo Beach, and Paul Welsh. Professor Cushman will preside.

DUKE UNIVERSITY SYMPOSIUM ON THE REGIONAL IMPLICATIONS OF SPACE RESEARCH

The regional implications of space research for the South will be examined during a special symposium on Thursday and Friday, May 17th and 18th. Some of the most prominent business, industrial, and educational leaders of seven southeastern states will attend to hear discussion of the topic. Speakers include Mr. James E. Webb, Administrator, National Aeronautics and Space Administration, and other high level officials of this agency. Particular emphasis will be given to the economic and industrial implications of space research for the Southeast.

Meetings open to the public include:

Friday, May 18th

9:15 a.m.—Addresses by Dr. C. M. Blair and Louis B. C. Fong.

10:40 a.m.—Panel discussion.

2:00 p.m.—Addresses by Frank B. Voris, M.D. and Russell Shelton.

3:10 p.m.—Panel discussion.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Gerald Seymour Leventhal for the Ph.D. degree in Psychology will be held on Friday, May 18th, at 2:00 p.m. in Room 208 Bivins Building. The subject of Mr. Leventhal's dissertation is "Reward Magnitude and Liking for Instrumental Activity." The committee to conduct the examination consists of Professors Jack W. Brehm, Edward E. Jones, Alan C. Kerkhoff, C. Alan Boneau, and Karl Zener. Professor Brehm will preside.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mrs. Mary Jane Hamilton for the Ed.D. degree will be held on Friday, May 18th, at 3:00 p.m. in Room 08A, West Duke Building. The subject of Mrs. Hamilton's dissertation is "Drop-outs: A Major Problem in South Carolina High Schools." The committee to conduct the examination consists of Professors W. A. Stumpf, E. C. Bolmeier, O. L. Petty, A. S. Hurlburt, and R. S. Smith. Professor Stumpf will preside.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. William K. Bott for the Ed.D. degree will be held on Saturday, May 19th, at 8:30 a.m. in Room 08A, West Duke Building. The subject of Mr. Bott's dissertation is "An Evaluative Study of the Educational and Vocational Guidance

Services and the Curricular Offerings Available in the Accomack County, Virginia High Schools during the years 1947-1955." The committee to conduct the examination consists of Professors W. A. Stumpf, E. C. Bolmeier, Henry Weitz, Olan Petty, and D. K. Adams. Professor Stumpf will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. John D. Hewlett for the Ph.D. degree in Botany will be held on Saturday, May 19th, at 9:30 a.m. in Room 140 Biological Sciences Building. The subject of Mr. Hewlett's dissertation is "Internal Water Balance of Forest Trees on the Coweeta Watershed." The committee to conduct the examination consists of Professors Paul J. Kramer, W. D. Billings, H. J. Oosting, C. W. Ralston, and W. E. Loomis. Professor Kramer will preside.

CHAPEL CHOIR REHEARSALS

Chapel Choir rehearsals will be held on Saturdays from 4:00 to 5:30 p.m. in the University Chapel, instead of the regular Wednesday evening rehearsals. This arrangement is for the month of May and Saturday, June 2nd.

FACULTY CLUB PICNIC

The annual Faculty Club Picnic will be held on Saturday, May 19th, beginning at 4:00 p.m. near the East Campus Gymnasium. Recreation will include softball for men and a hole-in-one contest for men, women, and children. For children there will be swimming from 4:15 to 5:00 p.m., pony rides, fire truck, and sports cars. A community supper will begin at 5:30 p.m. with each family's contributions served together buffet style. Lemonade and ice cream will be provided. Members are reminded to return their reservation cards to Miss Frances Holton, Room 202 East Campus Gymnasium, by Monday, May 14th.

ALUMNI CHAPEL CHOIR

All Alumni are invited to sing for Baccalaureate Sunday, June 3rd, by invitation of Professor Paul Young, Director of Chapel Choir. Rehearsal will be on Saturday, June 2nd, at 4:00 p.m. in the University Chapel.

SUMMER SESSION CHAPEL CHOIR

The first choir rehearsal for the summer session will be held on Saturday, June 16th, at 4:00 p.m. in the University Chapel. All interested persons are asked to call Extension 3898 for an appointment. All members of the Chapel Choir during the regular academic year are eligible for the summer session without an audition. The summer choir will be directed by Professor Paul Young.

ADVANCE ANNOUNCEMENT 1962-63 CHAMBER MUSIC CONCERTS

The Chamber Arts Society gives advance notice of the following concerts for the 1962-63 season:

Saturday, October 20—Juilliard Quartet

Saturday, November 17—Ralph Kirkpatrick (Harpsichord)

Saturday, December 1—Fine Arts Quartet

Saturday, January 19—Hermann Prey (Baritone)—
“Liederabend”

Saturday, February 9—Albeni Trio

Saturday, March 9—Duo di Roma (Piano-Cello)

These concerts will be given in the Music Room, East Duke Building, at 8:15 p.m.

Membership in the Chamber Arts Society, admitting to all concerts, will cost \$12.00. Guest Card for any one concert will cost \$2.50; seventy Guest Cards are available before each concert. Letter with membership application form, schedule, and programs will be sent in September to all present members and to any others who are interested. Inquiries may be addressed to Ernest W. Nelson, Box 6065 College Station.

ART EXHIBITION

There will be an exhibition of Contemporary Japanese Prints by Kyoshi Saito and Kaoru Kawano in the Woman's College Library Exhibition Gallery from Thursday, May 10th, through Saturday, June 30th.

ANNOUNCEMENT OF 1962-63 ARTISTS SERIES

The 1962-63 Duke University Artists Series announces the following concerts for the 1962-63 Season:

Thursday, November 1

THE LITTLE ORCHESTRA OF NEW YORK
with FRANK GLAZER, piano soloist

Thursday, November 29

THE GOLDOVSKY GRAND OPERA THEATER
“La Traviata”

Friday, January 4

RUGGIERO RICCI, violinist

Tuesday, February 12 (Indoor Stadium)

THE MINNEAPOLIS SYMPHONY ORCHESTRA
STANISLAW SKROWACZEWSKI, conductor

Tuesday, March 12

SAN FRANCISCO BALLET

Season ticket reservations priced at \$8.00, \$9.00, and \$10.00 are available in Room 202-A Flowers Building, by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station, Durham, North Carolina.

STUDENT UNION ART EXHIBIT

The Student Union Fine Arts Committee announces a showing of the works of Mrs. Edith London of the Department of Art. The exhibition, which may be seen from 9:00 a.m. until 7:00 p.m. daily, is in the Woman's College Union.

Edith London's work has won two purchase prizes in Raleigh—“Trees” (an ink drawing)—in the 18th North Carolina Artists' Annual, and “Provincetown Memories” (oil) in the 1956 Annual. Her three favorite media are oil, ink, and collage. She has studied at the Kaiser Friedrich Museum in Berlin, the British Academy in Rome, the Ashmolean Museum at Oxford, England, and in Paris with Marcel Gromaire and Andre Lhote.

SCHEDULING NOTICE

Information for the printed UNIVERSITY FALL ACTIVITIES CALENDAR, published and distributed by the Student Union, must be in Room 202-A Flowers Building by May 23rd. Faculty and staff members scheduling events for the 1962-63 academic year are urged to record these dates as soon as possible.

WEEK OF
May 20-26, 1962

CALENDAR

WEEK OF
May 20-26, 1962

OF
DUKE UNIVERSITY



Events of the Week

Sunday, May 20

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital: Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "What's Past is Prologue." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, May 21

4:30-5:30 p.m. East Campus Pool open for women: faculty, staff members, and students.

6:00 p.m. Naval Reserve Research Company 6-6 Meeting. Naval Reserve Training Center. Speaker: Dr. Blaine S. Nashold.

8:15-9:30 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Tuesday, May 22

2:00 p.m. Final Examination of Mr. Lorance Lislie Greenlee for the Ph.D. degree in Biochemistry. Room 262 Bell Building.

4:30-5:30 p.m. East Campus Pool open for women: faculty, staff members, and students.

Wednesday, May 23

4:00 p.m. Interdepartmental Seminar. Room 2031 Duke Hospital. Speaker: Dr. Carl Pfaffmann.

4:30-5:30 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "GENEVIEVE" with Kenneth More, Kay Kendall, in color. She'll have you rolling down the British Isles! "One of the funniest farce comedies in years!"—N. Y. Times.

Thursday, May 24

4:30-5:30 p.m. East Campus Pool open for women: faculty, staff members, and students.

8:15-9:30 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

9:00 p.m. "Music Now." Iain Hamilton discusses Bartok. WUNC-TV Channel 4.

Friday, May 25

12:30 p.m. Moslem Student Association Meeting. Room 207-A Flowers Building.

2:30 p.m. Final Examination of Mr. Raymond Morris Wilenzick for the Ph.D. degree in Physics. Room 114 Physics Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

3:00 p.m. Final Examination of Mr. William David Groman for the Ph.D. degree in Psychology. Room 204 Bivins Building.

4:30-5:30 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those twelve and under must be accompanied by their mothers.

Saturday, May 26

2:00 p.m. Final Examination of Mr. Luckett Vanderford Davis for the Ph.D. degree in Zoology. Room 225 Biological Sciences Building.

4:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "GENEVIEVE" with Kenneth More, Kay Kendall, in color. She'll have you rolling down the British Isles! "One of the funniest farce comedies in years!"—N. Y. Times.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the sermon at the University Service of Worship at 11:00 a.m. on Sunday, May 20th, in the University Chapel. His subject will be "What's Past Is Prologue." The order of worship follows:

Presiding Minister: The Reverend Howard C. Wilkinson,
Chaplain to the University

Organ Preludes—Passacaglia in D minor *Buxtehude*
"Our Father Who Art In Heaven" *Buxtehude*

Call to Worship—"Sanctus" from Mass II *Hassler*

Hymn—"Praise the Lord! Ye Heavens, Adore Him" *Rowland H. Prichard*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"O Lord Is Great" *Haydn*

Scripture—Matthew 5: Selected Verses

Hymn—"God Moves in a Mysterious Way" *From the Scottish Psalter*

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession,
Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Behold A Star From Jacob Shining" *Mendelssohn*

Response—The Doxology

Prayer of Dedication

Sermon—"What's Past Is Prologue"

Prayer

Benediction

The Sevenfold Amen *Stainer*

The Chimes

Organ Postlude—Prelude in G *Bach*

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Saturday, May 26, Executive Council and committees supper meeting at 6:00 P.M. at home of Chaplain Stines. Rides from circles at 5:45 P.M.

LUTHERAN STUDENT ASSOCIATION: Sunday, 5:30-6:30 P.M., Cook-out at Chaplain Shuford's. Transportation arranged, 286-9577. (Last LSA of year.) **Wednesday, 7:30 A.M.,** Last Holy Communion of year, Memorial Chapel of Duke Chapel.

METHODIST STUDENT FELLOWSHIP: Sunday, 6:00 P.M., Worship. **Wednesday, 6:00 P.M.,** Holy Communion. Applicants are now being accepted for the Community of Lay Scholars for next year. Please call the Methodist Chaplain (286-9230) or Miss Barbara Benedict (ext. 2909) for an appointment for an interview.

NAVAL RESERVE RESEARCH COMPANY 6-6 MEETING

Naval Reserve Research Company 6-6 will meet on Monday, May 21st, at 6:00 p.m. at the Naval Reserve Training Center, 724 Foster Street, Durham. The program features Dr. Blaine S. Nashold, Duke Hospital. His topic will be "New Advances in Parkinson's Disease." The membership of this unit consists mostly of Naval Reserve Officers who are graduate students and faculty members of the three area universities. All Naval Reserve Officers of the University Community are invited to attend and consider affiliating with this unit.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Lorance Lislie Greenlee for the Ph.D. degree in Biochemistry will be held on Tuesday, May 22nd, at 2:00 p.m. in Room 262 Bell Building. The subject of Mr. Greenlee's dissertation is "Studies on Induction of Chemiluminescence During Enzymic Reactions." The committee to conduct the examination consists of Professors Philip Handler, Ronald Greene, Charles Hauser, Peter Smith, and Salih Wakil. Professor Handler will preside.

INTERDEPARTMENTAL SEMINAR

The Interdepartmental Seminar on the Anatomical and Physiological Bases of Behavior will be held on Wednesday, May 23rd, at 4:00 p.m. in Room 2031 Duke Hospital. Dr. Carl Pfaffmann, Department of Psychology, Brown University, will speak on "Motivating Properties of Taste Stimulation."

**FINAL EXAMINATION
FOR THE PH.D. DEGREE**

The final examination of Mr. Raymond Morris Wilenzick for the Ph.D. degree in Physics will be held on Friday, May 25th, at 2:30 p.m. in Room 114 Physics Building. The subject of Mr. Wilenzick's dissertation is "Elastic and Inelastic Scattering of 6 Mev Neutrons." The committee to conduct the examination consists of Professors Harold Lewis, David S. Onley, Walter Gordy, J. H. Saylor, and R. T. Harris. Professor Lewis will preside.

**FINAL EXAMINATION
FOR THE PH.D. DEGREE**

The final examination of Mr. William David Groman for the Ph.D. degree in Psychology will be held on Friday, May 25th, at 3:00 p.m. in Room 204 Bivins Building. The subject of Mr. Groman's dissertation is "Orientation, Stimulus Pattern, and Head-eye Position as Determinants of Cognitive and Experiential Aspects of Perceived Slant." The committee to conduct the examination consists of Professors Karl Zener, Louis Cohen, Mercedes Gaffron, Norman Guttman, and Edgar Thompson. Professor Zener will preside.

**FINAL EXAMINATION
FOR THE PH.D. DEGREE**

The final examination of Mr. Luckett Vanderford Davis for the Ph.D. degree in Zoology will be held on Saturday, May 26th, at 2:00 p.m. in Room 225 Biological Sciences Building. The subject of Mr. Davis' dissertation is "Insects of the Herbaceous Strata of Salt Marshes in the Beaufort, North Carolina, Area." The committee to conduct the examination consists of Professors I. E. Gray, J. R. Bailey, C. G. Bookhout, D. A. Livingstone, and W. D. Billings. Professor Gray will preside.

JULIA DALE PRIZE IN MATHEMATICS

WINNER: Thaddeus G. Dankel

RUNNER UP: Brent F. Blackwelder

CHAPEL CHOIR REHEARSAL

Chapel Choir Rehearsals will be held on Saturdays from 4:00 to 5:30 p.m. in the University Chapel, instead of the regular Wednesday evening rehearsals. This arrangement is for the month of May and Saturday, June 2nd.

SCHEDULING NOTICE

Information for the printed UNIVERSITY FALL ACTIVITIES CALENDAR, published and distributed by the Student Union, must be in Room 202-A Flowers Building by May 23rd. Faculty and staff members scheduling events for the 1962-63 academic year are urged to record these dates as soon as possible.

ART EXHIBITION

There is an exhibition of Contemporary Japanese Prints by Kyoshi Saito and Kaoru Kawano on exhibit in the Woman's College Library Exhibition Gallery from Thursday, May 10th, through Saturday, June 30th.

ALUMNI CHAPEL CHOIR

All Alumni are invited to sing for Baccalaureate Sunday, June 3rd, by invitation of Professor Paul Young, Director of Chapel Choir. Rehearsal will be on Saturday, June 2nd, at 4:00 p.m. in the University Chapel.

**SUMMER SESSION
CHAPEL CHOIR**

The first choir rehearsal for the summer session will be held on Saturday, June 16th, at 6:30 p.m. in the University Chapel. All interested persons are asked to call Extension 3898 for an appointment. All members of the Chapel Choir during the regular academic year are eligible for the summer session without an audition. The summer choir will be directed by Professor Paul Young.

COMMENCEMENT RECEPTION

The Committee on Arrangements for the Outdoor Reception in honor of the graduating classes wishes to remind the faculty that this reception is to be held on Sunday, June 3rd, at 6:00 p.m. on the lawn in front of East Duke Building. All faculty members and their wives are cordially invited to attend. If it rains, the reception will be held in the Woman's College Union.

**ADVANCE ANNOUNCEMENT
1962-63 CHAMBER MUSIC CONCERTS**

The Chamber Arts Society gives advance notice of the following concerts for the 1962-63 season:

Saturday, October 20—Juilliard Quartet

Saturday, November 17—Ralph Kirkpatrick (Harpsichord)

Saturday, December 1—Fine Arts Quartet

Saturday, January 19—Hermann Prey (Baritone)—
“Liederabend”

Saturday, February 9—Albenieri Trio

Saturday, March 9—Duo di Roma (Piano-Cello)

These concerts will be given in the Music Room, East Duke Building, at 8:15 p.m.

Membership in the Chamber Arts Society, admitting to all concerts, will cost \$12.00. Guest Card for any one concert will cost \$2.50; seventy Guest Cards are available before each concert. Letter with membership application form, schedule, and programs will be sent in September to all present members and to any others who are interested. Inquiries may be addressed to Ernest W. Nelson, Box 6065, College Station.

**ANNOUNCEMENT OF
1962-63 ARTISTS SERIES**

The 1962-63 Duke University Artists Series announces the following concerts for the 1962-63 Season:

Thursday, November 1

THE LITTLE ORCHESTRA OF NEW YORK
with FRANK GLAZER, piano soloist

Thursday, November 29

THE GOLDOVSKY GRAND OPERA THEATER
“La Traviata”

Friday, January 4

RUGGIERO RICCI, violinist

Tuesday, February 12 (Indoor Stadium)

THE MINNEAPOLIS SYMPHONY ORCHESTRA
STANISLAW SKROWACZEWSKI, conductor

Tuesday, March 12

SAN FRANCISCO BALLET

Season ticket reservations priced at \$8.00, \$9.00, and \$10.00 are available in Room 202-A Flowers Building, by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station, Durham, North Carolina.

**DINING HALLS COMMENCEMENT
SCHEDULE—1962**

<i>Saturday, June 2nd</i>	<i>Dining Hall A</i>	<i>University Room</i>	<i>Oak Room</i>
Breakfast		7:00-11:00	
Lunch		11:30-2:00	11:30-2:00
Dinner		5:00- 7:00	5:00-7:00
<i>Sunday, June 3rd</i>			
Breakfast	7:00-9:15	7:00-10:30	
Lunch	11:30-2:00	11:30- 2:00	11:30-2:00
Dinner		5:00- 7:00	5:00-7:00
<i>Monday, June 4th</i>			
Breakfast	7:00-9:15	7:00-11:00	
Lunch	11:30- 2:00	11:30- 2:00	11:30-2:00
Dinner		5:00- 6:30	

WEEK OF
May 27-June 4, 1962

WEEK OF
May 27-June 4, 1962

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, May 27

- 10:30-10:45 a.m. Carillon Recital: Donald L. Hand, Student Carillonneur.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: Reverend Dr. Louis H. Evans, Sr., Minister-at-Large, United Presbyterian Church, USA. Sermon: "Your Gift to the World-Vacuum or Vision?" Broadcast over Radio Station WDNC and WDNC-FM.

Monday, May 28

- 2:00 p.m. Final Examination of Mr. Duncan T. Patten for the Ph.D. degree in Botany. Room 140 Biological Sciences Building.
- 4:30-5:30 p.m. East Campus Pool open for women: faculty, staff members, and students.

Tuesday, May 29

- 4:30-5:30 p.m. East Campus Pool open for women: faculty, staff members, and students.

Wednesday, May 30

- 10:30 a.m. Final Examination of Mr. John Peter Denny for the Ph.D. degree in Psychology. Room 204 Bivins Building.

- 2:00 p.m. Final Examination of Mr. Paul J. Hurley for the Ph.D. degree in English. Room 312 Allen Building.
- 2:30 p.m. Final Examination of Mr. George Adam Schultz for the Ph.D. degree in Zoology. Room 225 Biological Sciences Building.
- 4:30-5:30 p.m. East Campus Pool open for women: faculty, staff members, and students.

Thursday, May 31

- 8:15-9:30 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 9:00 p.m. "Music Now." Iain Hamilton interviews Vincent Persichetti. WUNC-TV Channel 4.

Friday, June 1

COMMENCEMENT PROGRAM BEGINS

- 8:30 a.m. 14th Annual Alumni Golf Tournament. Duke Golf Course.
- 9:00 a.m.-9:00 p.m. Alumni Registration. Alumni Lobby, West Campus Union Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Thursday. Telephone 2911.

4:00 p.m. University Faculty Meeting. Room 125 Engineering Building.

6:00-10:00 p.m. Baby-sitting care for children 2-6 in residence halls.

6:00-10:00 p.m. Recreation program for children 7-13. Card Gymnasium.

7:00-11:00 p.m. Activities for older teenagers, from 14 on. Game Room, Flowers Building.

Saturday, June 2

8:30 a.m. Alumni Golf Tournament. Duke Golf Course.

9:00 a.m. Alumni Registration. Alumni Lobby, West Campus Union Building.

9:00 a.m.-8:30 p.m. Duke Junior-Versity (2-6 years old). Mary O. Cowper Nursery, 2211 Pratt Street.

9:00 a.m.-10:00 p.m. Duke Junior-Versity (7-13 years old). Card Gymnasium.

9:00 a.m. Annual Meeting of the Board of Trustees. Allen Building.

10:00 a.m.-Midnight. Activities for older teenagers, from 14 on. Game Room, Flowers Building.

10:00 a.m.-12:00 N. Alumni Lectures: Series IV. Panel Discussion: "The Year of the Astronaut—A.D. 1962." Participants: Drs. Richard L. Watson, moderator; James T. Cleland; Walter Gordy; Paul J. Kramer; and Arthur Larson. Engineering Auditorium.

10:00 a.m. Phi Beta Kappa Business Meeting. Room 211 Divinity School.

12:15 p.m. Engineering Alumni Association Luncheon. Men's Graduate Center.

1:00 p.m. National Council and Trustees Luncheon. Union Ballroom, West Campus.

2:00 p.m. National Council Meeting. Union Ballroom, West Campus.

2:30 and 3:30 p.m. Guided Tours of campus by bus. Registration Desk, Alumni Lobby, West Campus Union Building.

4:00-5:30 p.m. Chapel Choir Rehearsal. University Chapel.

4:45 p.m. Concert Band Lawn Concert. Main Quadrangle, West Campus.

6:00 p.m. General Alumni Dinner. West Campus Union Building.

8:30 p.m.-Midnight. Baby-sitting. Residence Halls.

8:45 p.m. Hoof 'n' Horn Show: "Once Upon a Mattress." Page Auditorium.

10:00 p.m. Duke Junior-Versity Supervision in Residence Halls.

Sunday, June 3

9:30 a.m. Alumni Registration. Alumni Lobby, West Campus Union Building.

9:30 a.m.-12:30 p.m. Duke Junior-Versity (2-6 years old). Mary O. Cowper Nursery, 2211 Pratt Street.

9:30 a.m.-12:30 p.m. Duke Junior-Versity (7-13 years old). Card Gymnasium.

11:00 a.m. Baccalaureate Sermon for the Graduating Classes. University Chapel. Preacher: Aubrey G. Walton, B.D., D.D., Bishop, The Methodist Church, Louisiana Area, New Orleans, Louisiana.

2:30 p.m. Nursing School Pinning Exercises. University Chapel. Followed by Tea. Hanes House.

3:30 p.m. Carillon Recital. University Chapel. Anton Brees, Carillonneur.

4:30 p.m. Commencement Organ Recital: Mildred L. Hendrix, University Organist. University Chapel.

6:00 p.m. Outdoor Reception in Honor of Graduating Classes. East Campus Lawn.

7:40 p.m. Flag-lowering Exercises by Senior Classes. East Campus.

Monday, June 4

8:00 a.m. AFROTC Commissioning Exercises. Oath administered by Major General L. Render Braswell, USAF. Engineering Auditorium.

8:30 a.m. NROTC Commissioning Ceremony. Oath administered by Major General Richard C. Mangrum, USMC. Entrance, University Chapel.

10:30 a.m. Graduating Exercises. Address by Gaylord P. Harnwell, Ph.D., LL.D., D.Sc., Pe.D., C.L.D., President, University of Pennsylvania. Indoor Stadium.

6:00 p.m. Naval Reserve Research Company 6-6 Meeting. Naval Reserve Training Center. Speaker: Dr. H. A. Saltzman.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Duncan T. Patten for the Ph.D. degree in Botany will be held on Monday, May 28th, at 2:00 p.m. in Room 140 Biological Sciences Building. The subject of Mr. Patten's dissertation is "The Vegetational Pattern in Relation to Environments in the Madison Range, Montana." The committee to conduct the examination consists of Professors W. D. Billings, H. J. Oosting, T. W. Johnson, Jr., L. E. Anderson, and D. A. Livingstone. Professor Billings will preside.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Louis H. Evans, Sr., Minister-at-Large, United Presbyterian Church, USA, will deliver the sermon at the University Service of Worship at 11:00 a.m. on Sunday, May 27th, in the University Chapel. His subject will be "Your Gift to the World—Vacuum or Vision?"

The order of worship follows:

Presiding Minister: The Reverend Howard C. Wilkinson,
Chaplain to the University

Organ Prelude—Suite from the "Water Music" *Handel*
Allegro, Adagio, Allegro Maestoso

Call to Worship—"Sanctus" from Mass II *Hassler*

Hymn—"All Hail the Power of Jesus' Name!" *James Ellor*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"How Lovely Is Thy Dwelling-place" *Johannes Brahms*

Scripture—Matthew 28:16-20

Hymn—"O Zion, Haste, Thy Mission High Fulfilling" *James Walch*

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession,
Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"All People That On Earth Do Dwell" *Johann Bach*

Response—The Doxology

Prayer of Dedication

Sermon—"Your Gift to the World—Vacuum or Vision?"

Prayer

Benediction

The Sevenfold Amen *Stainer*

The Chimes

Organ Postlude—Carillon *Vierne*

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. John Peter Denny for the Ph.D. degree in Psychology will be held on Wednesday, May 30th, at 10:30 a.m. in Room 204 Bivins Building. The subject of Mr. Denny's dissertation is "The Effects of Anxiety and Intelligence Upon Errors in Concept Formation." The committee to conduct the examination consists of Professors Charles Spielberger, C. Alan Boneau, Gregory A. Kimble, Karl Zener, and Charles A. Baylis. Professor Spielberger will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Paul J. Hurley for the Ph.D. degree in English will be held on Wednesday, May 30th, at 2:00 p.m. in Room 312 Allen Building. The subject of Mr. Hurley's dissertation is "Tennessee Williams: Critic of American Society." The committee to conduct the examination consists of Professors Benjamin Boyce, Arlin Turner, Louis J. Budd, C. Richard Sanders, and Thomas Cordle. Professor Boyce will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. George Adam Schultz for the Ph.D. degree in Zoology will be held on Wednesday, May 30th, at 2:30 p.m. in Room 225 Biological Sciences Building. The subject of Mr. Schultz's dissertation is "The Ecology and Taxonomy of Isopod Crustaceans." The committee to conduct the examination consists of Professors I. E. Gray, C. G. Bookhout, J. R. Gregg, D. A. Livingstone, and T. W. Johnson, Jr. Professor Gray will preside.

UNIVERSITY FACULTY MEETING

The University Faculty will meet in regular session in Room 125 Engineering Building on Friday, June 1st, at 4:00 p.m. The agenda will include approval of candidates for degrees to be conferred at the June 4th Commencement.

PHI BETA KAPPA BUSINESS MEETING

Phi Beta Kappa will hold its final business meeting of the academic year on Saturday, June 2nd, at 10:00 a.m. in Room 211 Divinity School. The main business of this meeting will be the election of undergraduate and graduate members. The committees in charge of these elections will report on their nominations. All active members are urged to be present.

NURSING SCHOOL PINNING EXERCISES

Seniors of the School of Nursing will receive their pins in a ceremony in the University Chapel on Sunday, June 3rd, at 2:30 p.m. Their families, friends, and members of the University Community are cordially invited to attend this part of the Graduation Program and to a tea in Hanes House following the presentation of pins.

CHAPEL CHOIR REHEARSAL

Chapel Choir Rehearsals will be held on Saturdays from 4:00 to 5:30 p.m. in the University Chapel, instead of the regular Wednesday evening rehearsals. This arrangement is for the month of May and Saturday, June 2nd.

ALUMNI CHAPEL CHOIR

All Alumni are invited to sing for Baccalaureate Sunday, June 3rd, by invitation of Professor Paul Young, Director of Chapel Choir. Rehearsal will be on Saturday, June 2nd, at 4:00 p.m. in the University Chapel.

COMMENCEMENT ORGAN RECITAL

The Commencement Organ Recital will be presented on Sunday, June 3rd, by Mildred L. Hendrix, University Organist, assisted by Professor John Hanks, tenor, of the Department of Music. The program, which is open to the public, may be heard at 4:30 p.m. in the University Chapel. The program follows:

Concerto I in G major	<i>Johann Sebastian Bach</i>
Allegro, Grave, Presto	(1685-1750)
The Musical Clocks	<i>Franz Joseph Haydn</i>
I. Minuet (Song of the Quail)	(1732-1809)
II. March	
III. Andantino	
IV. Minuet (Allegretto)	
V. Minuet	
VI. Vivace	
Biblische Lieder	<i>Anton Dvorak</i>
Op. 99 No. 9	(1841-1904)
Op. 99 No. 10	
Professor John Hanks	
Chorale in A minor	<i>Cesar Franck</i>
	(1822-1890)
Aria	<i>Flor Peeters</i>
	(1903-)
Biblische Lieder	<i>Anton Dvorak</i>
Op. 99, Vol. I, No. 4	(1841-1904)
Op. 99, Vol. I, No. 5	
Professor John Hanks	
Kleine Praludien und Intermezzi	<i>Hermann Schroeder</i>
I. Maestoso	(1843-1909)
II. Andante Sostenuto	
III. Poco Vivace	
Litanies	<i>Jehan Alain</i>
	(1911-1940)

CARILLON RECITAL

Anton Brees, Carillonneur, Bok Singing Tower, Lake Wales, Florida, will present a carillon recital from the University Chapel Tower on Sunday, June 3rd, at 3:30 p.m. as part of the Commencement Program. The performance will be this distinguished artist's 31st consecutive commencement recital at Duke.

COMMENCEMENT RECEPTION

The Committee on Arrangements for the Outdoor Reception in honor of the graduating classes wishes to remind the faculty that this reception is to be held on Sunday, June 3rd, at 6:00 p.m. on the lawn in front of East Duke Building. All faculty members and their wives are cordially invited to attend. If it rains, the reception will be held in the Woman's College Union.

AFROTC COMMISSIONING EXERCISES

The annual Air Force Reserve Officers Commissioning Exercises will be held on Monday, June 4th, at 8:00 p.m. in the Engineering Auditorium. The principal speaker will be Major General L. Render Braswell, Surgeon General, Air Force Logistics Command. General Braswell will administer the oath of office to the graduating seniors of the Air Force ROTC Program and will make the Distinguished Graduate presentations.

NAVAL RESERVE RESEARCH COMPANY 6-6 MEETING

Naval Reserve Research Company 6-6 will meet on Monday, June 4th, at 6:00 p.m. at the Naval Reserve Training Center, 724 Foster Street, Durham. The program features Dr. H. A. Saltzman, Veteran's Administration Hospital. His topic will be "Respiration of Man and His Environment." The membership of this unit consists mostly of Naval Reserve Officers who are graduate students and faculty members of the three area universities. All Naval Reserve Officers of the University Community are invited to attend and consider affiliating with this unit.

NOTE: The next meeting is scheduled for Monday, June 11th, at 6:00 p.m. at the Naval Reserve Training Center. Speaking will be Col. George W. Taylor, Commanding Officer, Army Research Office (Durham). His topic will be "Some Aspects of Army Research Efforts."

NROTC COMMISSIONING CEREMONY

At 8:30 a.m. on Monday, June 4th, the graduates of the NROTC and other Naval and Marine Officer Candidate programs on campus will form on the steps of the University Chapel for an oath of office ceremony. The oath of office will be administered by Major General Richard C. Mangrum, USMC, Commanding General, Second Marine Aircraft Wing, Marine Corps Air Station, Cherry Point, North Carolina. The ceremony will include pertinent remarks by General Mangrum and the "pinning on" of officer insignia by relatives and friends of the new officers.

LIBRARY SCHEDULE, MAY 30 TO JUNE 12

General Library

Wednesday, May 30-Saturday, June 2	8:00 a.m.-5:00 p.m.
Sunday, June 3	Closed
Monday, June 4-Friday, June 8	8:00 a.m.-5:00 p.m.
Saturday, June 9	8:00 a.m.-1:00 p.m.
Sunday, June 10	Closed
Monday, June 11-Tuesday, June 12	8:00 a.m.-5:00 p.m.
Wednesday, June 13	Begin Summer Schedule

Woman's College Library

Wednesday, May 30	8:00 a.m.-5:00 p.m.
Thursday, May 31-Friday, June 1	8:30 a.m.-4:30 p.m.
Saturday, June 2	8:30 a.m.-5:00 p.m.
Sunday, June 3-Wednesday, Sept. 19	
Mondays through Fridays	8:30 a.m.-4:30 p.m.
Saturdays	8:30 a.m.-1:00 p.m.
Sundays	Closed

Schedules of other School, College, and Departmental libraries will be posted in those libraries.

ADVANCE ANNOUNCEMENT 1962-63 CHAMBER MUSIC CONCERTS

The Chamber Arts Society gives advance notice of the following concerts for the 1962-63 season:

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Saturday, November 17—Ralph Kirkpatrick (Harpsichord)
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These concerts will be given in the Music Room, East Duke Building, at 8:15 p.m.

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DINING HALLS COMMENCEMENT SCHEDULE—1962

<i>Saturday, June 2nd</i>	<i>Dining Hall A</i>	<i>University Room</i>	<i>Oak Room</i>
Breakfast		7:00-11:00	
Lunch		11:30- 2:00	11:30-2:00
Dinner		5:00- 7:00	5:00-7:00
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Breakfast	7:00-9:15	7:00-10:30	
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Thursday, November 29
THE GOLDOVSKY GRAND OPERA THEATER "La Traviata"
Friday, January 4
RUGGIERO RICCI, violinist
Tuesday, February 12 (Indoor Stadium)
THE MINNEAPOLIS SYMPHONY ORCHESTRA STANISLAW SKROWACZEWSKI, conductor
Monday, March 11

SAN FRANCISCO BALLET

Season ticket reservations priced at \$8.00, \$9.00, and \$10.00 are available in Room 202-A Flowers Building, by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station, Durham, North Carolina.

SUMMER SESSION CHAPEL CHOIR

The first choir rehearsal for the summer session will be held on Saturday, June 16th, at 6:30 p.m. in the University Chapel. All interested persons are asked to call Extension 3898 for an appointment. All members of the Chapel Choir during the regular academic year are eligible for the summer session without an audition. The summer choir will be directed by Professor Paul Young.

UNIVERSITY CHAPEL SUMMER SCHOOL PREACHING SCHEDULE, 1962

- June 17—The Reverend Dr. J. Claude Evans
Chaplain to Southern Methodist University, Dallas, Texas
- June 24—The Reverend Professor James T. Cleland
Dean of the Chapel
- July 1—The Reverend Earl G. Hunt, Jr.
President of Emory and Henry College, Emory, Virginia
- July 8—The Right Reverend Thomas A. Fraser, Jr.
Bishop Coadjutor, Episcopal Diocese of N. C., Raleigh,
N. C.
- July 15—Dean Cleland
- July 22—The Reverend Howard C. Wilkinson
Chaplain to the University
- July 29—The Reverend Dr. Lee F. Tuttle
Secretary, World Methodist Council, Lake Junaluska,
N. C.
- August 5—Holy Communion—The Reverend Dr. W. Arthur
Kale
The Divinity School
- August 12—The Reverend Dr. Kelsey Regen
Minister, First Presbyterian Church, Richmond, Virginia
- August 19—The Reverend Dr. Creighton Lacy
The Divinity School

ADVANCE NOTICE GRADUATE GERMAN EXAMINATION

The German Examinations for candidates for graduate degrees will be given on July 2-6. Candidates should register in the Graduate School Office for this examination not later than Wednesday, June 20th.

ADVANCE NOTICE GRADUATE FRENCH AND SPANISH EXAMINATION

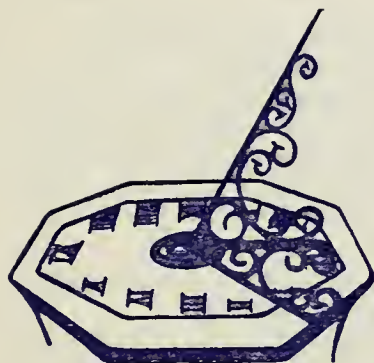
The French and Spanish Examinations for candidates for graduate degrees will be given on Wednesday, July 4th, in Room 233 Allen Building at 4:00 p.m. Candidates should register in the Graduate School Office for these examinations not later than Wednesday, June 27th.

THE SUNDIAL

This is the final issue of the University Weekly Calendar for the year 1961-62. On Tuesday, June 12th, registration day for the Summer Session, the first issue of the SUNDIAL, an announcement of weekly activities of the summer months, will be distributed in the Indoor Stadium. This will be a general orientation issue. Anyone wishing to have a notice in this issue is requested to submit copy to the Student Activities Office, Room 202-A Flowers Building, by 1:00 p.m. on Thursday, June 7th.

The SUNDIAL will be issued each Saturday thereafter during the summer months. It will be distributed to the faculty and administration on East and West Campuses and will be available to students on bulletin boards and in the dormitory offices.

Copy for regular issues of the SUNDIAL must be submitted in typewritten form to Room 202-A Flowers Building by 1:00 p.m. on Thursday prior to publication on Saturday.



THE SUNDIAL OF DUKE UNIVERSITY

JUNE 17-23, 1962

Events of the Week

SUNDAY, JUNE 17

- 9:30 a.m. Choir Rehearsal. University Chapel.
- 9:30 a.m. A study program will be conducted in Room 125 Allen Building, under the supervision of the Reverend Jack W. Carroll, Chaplain to Methodist Students. J. H. Oldham's little book, **Life Is Commitment**, will serve as a basis for the study. You are cordially invited to attend.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. J. Claude Evans, Chaplain to Southern Methodist University, Dallas, Texas. Subject: "Old Liberty versus Romans."

MONDAY, JUNE 18

- 2:00-3:00 p.m. West Campus Swimming Pool open to women.
- 4:15-5:30 p.m. West Campus Swimming Pool open to men.
- 7:00 p.m. Rebel Club Meeting. Room 105 Card Gymnasium.
- 8:00 p.m. Yankee Club Meeting. Room 104 Card Gymnasium.
- 8:15-9:30 p.m. West Campus Swimming Pool open for faculty members and their families. Children will be admitted only when accompanied by their own parents.

TUESDAY, JUNE 19

- 2:00-3:30 p.m. West Campus Swimming Pool open to women.
- 4:15-5:30 p.m. West Campus Swimming Pool open to men.

WEDNESDAY, JUNE 20

- 2:00-3:30 p.m. West Campus Swimming Pool open to women.
- 4:15-5:30 p.m. West Campus Swimming Pool open to men.

7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "The League of Gentlemen." Jack Hawkins, Nigel Patrick, and Richard Attenborough in a crackling, witty British thriller. "Devilishly inventive and amusing!"—Crowther, N. Y. Times. "Top-grade suspense!"—Cook, World Tel. & Suu.

THURSDAY, JUNE 21

- 2:00-3:30 p.m. West Campus Swimming Pool open to women.
- 4:15-5:30 p.m. West Campus Swimming Pool open to men.
- 8:00 p.m. Pennsylvania State Club Meeting. Room 104 Card Gymnasium.
- 8:15-9:30 p.m. West Campus Swimming Pool open for faculty members and their families. Children will be admitted only when accompanied by their own parents.
- 9:00 p.m. "Music Now." WUNC-TV Channel 4. Iain Hamilton discusses Boulez and Stockhausen.

FRIDAY, JUNE 22

- 2:00-3:30 p.m. West Campus Swimming Pool open for women.
- 4:15-5:30 p.m. West Campus Swimming Pool open for men.
- 8:30-11:30 p.m. Friday Night Open House. Card Gymnasium.

SATURDAY, JUNE 23

- 2:00-3:30 p.m. West Campus Swimming Pool open for women.
- 4:15-5:30 p.m. West Campus Swimming Pool open for men.
- 5:00 p.m. Deadline for submitting entries in tennis, handball, and badminton (singles and doubles). Room 101 Card Gymnasium.
- 6:30 p.m. Choir Rehearsal. University Chapel.

IMPORTANT—Notices for The Sundial should be submitted in written form to Room 202-A Flowers Building, West Campus, not later than 10:00 a.m., Thursday. Telephone 2911.

N. C. A. A. GOLF CHAMPIONSHIPS

This week, Sunday through Saturday, 232 representatives of 75 colleges and universities will be competing for the N. C. A. A. Golf Championships on the Duke University Golf Course. Admission to the matches is \$1.00.

CONFERENCE ON SCHOOL LAW

A conference on school law will be held on the Duke University Campus on Tuesday and Wednesday, June 19th and 20th. The program is planned for the benefit of administrators and teachers in schools and colleges. Speakers and consultants well-known in the field of school law will participate in the two-day conference. Please note that the registration and all sessions will take place in the Biological Sciences Building rather than in the Union Ballroom as previously announced.

GRADUATE GERMAN EXAMINATION

The German Examinations for candidates for graduate degrees will be given on July 2-6. Candidates should register in the Graduate School Office for this examination not later than Wednesday, June 20th.

FRIDAY NIGHT OPEN HOUSE

Friday, June 22nd, from 8:30 to 11:30 p.m., Card Gymnasium will be open for a variety of activities including cards, ping pong, badminton, swimming, and dancing. All students are invited to participate in any or all of these activities. Presentation of an official identification card is requested. If a regularly enrolled student wishes a guest card, he should secure one in advance from the Social Director's office in House O.

TOURNAMENTS

Attention: Tennis, handball, and badminton players! Entries in tennis, handball, and badminton (singles and doubles) are due by Saturday, June 23rd, at 5:00 p.m. Entries may be made in Room 101 Card Gym, from 2:00 to 5:00 p.m. on weekdays.

STUDENT UNION RECREATIONAL FACILITIES

The Student Union Game Room and Music Lounge will be open for use during the Summer Session. The Game Room, located in 02 Flowers Building, will be open from 1:00 p.m. to 10:00 p.m., Monday through Saturday for Billiards and Table Tennis. The Music Lounge is located off the main lounge. Playing cards, chess sets, and checkers may be secured at the Information Center for use in the building.

PLAY HOURS

Sports: Badminton, shuffle board, horseshoe pitching, croquet, and archery are included in the daily recreational program. Equipment for these activities is available at the Card Gymnasium during the hours of 2:30 p.m. to 5:30 p.m. on Monday through Friday of each week.

In addition to the above program, Intramural tournaments will be held for both men and women in handball, tennis, softball, and badminton.

GRADUATE FRENCH AND SPANISH EXAMINATIONS

The French and Spanish Examinations for candidates for graduate degrees will be given on Wednesday, July 4th, in Room 233 Allen Building at 4:00 p.m. Candidates should register in the Graduate School Office for these examinations not later than Wednesday, June 27th.

SUMMER SESSION IDENTIFICATION AND ADMISSION CARDS

Student identification cards may be secured at the Summer Session Office. These cards will serve as health and recreation cards for the Summer Session.

Summer Session identification and admission cards will be issued to members of the faculty and staff at the Summer Session Office, 119 Allen Building.

ABSENCES

An undergraduate student who incurs more than three absences in a course (whether excused or unexcused) is ordinarily debarred from the course. Should he be permitted to remain in the course, full credit will not be allowed. The amount of reduced credit will be determined by the Director of the Summer Session. Days missed through late registration are counted as absences, and three tardies in a given course are counted as one absence.

An undergraduate degree candidate in Duke University who incurs more than three absences in a course must confer immediately with the Dean of his or her college, who in turn will recommend to the Director of the Summer Session whether the student may continue in the course. An unclassified student who incurs more than three absences in a course must confer immediately with the Director of the Summer Session, who will determine whether the student may continue in the course.

DUKE NURSERY SCHOOL VACANCIES

Applications are now being accepted to the Duke University Nursery School four-year-old group. For further information please call the Department of Psychology, Extension 3902.

TERM I FINAL EXAMINATION SCHEDULE

Classes scheduled at:	Examinations are:
7:40- 9:00 daily	Monday, July 16th, 7:40-10:40 a.m.
1:40- 3:00 daily	Monday, July 16th, 1:40- 4:40 p.m.
9:20-10:40 daily	Monday, July 16th, 7:00-10:00 p.m.
11:00-12:20 daily	Tuesday, July 17th, 7:40-10:40 a.m.

The examinations in four-semester hour science courses will be held in accordance with a schedule arranged by the department concerned.

Examinations for all short term courses will be on the last scheduled class day. The instructor will make the time arrangements.

All other examinations must be held and taken according to the above schedule.

Any student who desires a report of grades from the instructor should leave a self-addressed postal card or stamped envelope with the instructor. Grades will not be given out orally at the Summer Session Office.

WEEK OF
Sept. 16-22, 1962

CALENDAR

WEEK OF
Sept. 16-22, 1962

OF
DUKE UNIVERSITY



Events of the Week

Sunday, Sept. 16

- 9:30 a.m. Interdenominational and Interfaith Assembly. Page Auditorium. Topic: "Arch and Spire—A Discussion of Religion and Education at Duke." Miss Barbara Benedict, Moderator.
- 10:30-10:45 a.m. Carillon Recital. John Simpson, Student Carillonneur.
- 11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "This Business of Churchgoing." Broadcast over Radio Station WDNC and WDNC-FM.
- 3:30-5:30 p.m. The President's Reception honouring new students. 2324 Duke University Road.
- 7:15 p.m. Vesper Service under the auspices of the Y.M.C.A. and the Y.W.C.A. Woman's College Auditorium. Speaker: Dr. Waldo Beach, Professor of Christian Ethics and Director of Graduate Studies in Religion.

Monday, Sept. 17

Registration and matriculation of all students of Trinity College, the Woman's College, and the

College of Engineering who have not pre-registered.

- 8:00 a.m. Assembly for all Freshmen. Page Auditorium.
- 4:30 p.m. Fallout Preparedness Committee Meeting. Trustee Board Room, Allen Building.
- 7:00 p.m. Freshman Assemblies: East Campus, Woman's College Auditorium. Engineering, Room 125 Engineering Building. Trinity College, Page Auditorium.

Tuesday, Sept. 18

- 8:30-10:00 a.m. Freshman Orientation Assembly. Page Auditorium.
- 3:00-5:00 p.m. Y.W.C.A. Open House. Ark.
- 4:00 p.m. Physics Lecture: Professor T. M. Sugden. Room 116 Chemistry Building.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 7:00 p.m. Assembly for all Freshmen: Student Activities Night. Page Auditorium.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extention 2911.

Wednesday, Sept. 19

Final registration of all pre-registered students.

12:30 p.m. Formal Opening of the Woman's College and Flag Raising Ceremony. Woman's College Auditorium and East Duke Court.

3:00-5:00 p.m. Y.W.C.A. Open House. Ark.

5:00-6:30 p.m. Picnic for all new students. East Union Lawn. Sponsors: Y.W.C.A. and Y.M.C.A.

7:00 p.m. Quadrangle Pictures. Page Auditorium. "I'M ALL RIGHT JACK." (British). Peter Sellers with Terry-Thomas, Margaret Rutherford, and Ian Carmichael. "By all odds, the funniest this year."—**Herald Tribune**.

NOTE: There will be only one showing of the film which is a complimentary performance for the Freshman Class.

9:00-10:00 p.m. Student Union Open House for all freshmen. Flowers Courtyard.

Thursday, Sept. 20

8:10 a.m. Fall classes begin.

10:10 a.m. Flag Raising Ceremony Marking the Official Opening of the Academic Year. Allen Building Quadrangle. Remarks: President Deryl Hart.

10:10 a.m. Divinity School Opening Convocation. York Chapel. Dean Robert E. Cushman, speaker.

4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

7:30 p.m. School of Nursing Program. University Chapel.

Friday, Sept. 21

10:10 a.m. Divinity School Chapel Service. York Chapel. Holy Communion. Dean Robert E. Cushman, Celebrant.

4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.

6:30 p.m. Church Night for New Students. Local Churches and Denominational Centers. (See Special Announcement.)

Saturday, Sept. 22

1:30 p.m. Varsity Football: Duke versus University of Southern California. Los Angeles, California. (Televised game.)

7:00 and 9:05 p.m. Quadrangle Pictures. Page Auditorium. "I'M ALL RIGHT JACK." (British). Peter Sellers with Terry-Thomas, Margaret Rutherford, and Ian Carmichael. "By all odds, the funniest picture this year."—**Herald Tribune**.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the sermon at the University Service of Worship on Sunday, September 16th, at 11:00 a.m. in the University Chapel. His subject will be "This Business of Churchgoing." The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister.

Opening Organ Voluntary—

Prelude and Chaconne in D minor

Pachelbel

Call to Worship—The Reverend Robert P. Hyatt, Associate Director of Religious Life, West Campus.

Hymn—"O God, Our Help in Ages Past"

William Croft

Prayer of Confession—Miss Barbara Benedict, Associate Director of Religious Life, East Campus.

Words of Forgiveness—The Reverend Robert Mill, Chaplain to Episcopalian Students.

The Lord's Prayer—The Reverend Charles E. Johnson, Chaplain to Presbyterian Students.

Anthem—"Jesu, Joy of Man's Desiring"

J. S. Bach

Old Testament Scripture—Psalm 122—The Reverend Allen R. Gilmore, Chaplain Interim.

Hymn—"I Love Thy Kingdom, Lord"

From Williams' Psalmody

Call to Prayer

A Litany of Youth

The Offering

Offertory Organ Voluntary

Anthem—"Gloria in Excelsis" from *Twelfth Mass*

W. A. Mozart

Response—The Doxology

Prayer of Dedication—The Reverend James W. Stines, Chaplain to Baptist Students

New Testament Scripture—Luke 7:1-9—The Reverend Jackson W. Carroll, Chaplain to Methodist Students

Sermon—"This Business of Churchgoing"

Prayer

Benediction

Choral Response—"Sevenfold Amen"

Stainer

The Chimes

Closing Organ Voluntary—"Toccata" from *Symphony V*

Widor

FLAG RAISING EXERCISES

The traditional flag raising exercises in connection with the opening of the Woman's College will take place at 12:30 p. m. on Wednesday, September 19th, beginning in the auditorium and followed by a service in East Duke Court.

On Thursday, September 20th, at 10:10 a. m., the flag raising ceremony marking the official opening of Trinity College will take place in front of Allen Building.

CHAPEL CHOIR REHEARSAL

The first regularly scheduled choir rehearsal of the new academic year will be held in the University Chapel on Wednesday evening, September 19th, at 7:00 p. m. All summer members are cordially invited to attend.

Tryouts for the Chapel Choir, Men's Glee Club, Women's Glee Club, Men's Chorus, and Women's Chorus will be held from September 15th through September 21st. Please call Extension 3898 or report to Room 210 Flowers Building for an appointment.

SCHOOL OF NURSING PROGRAM

The program of "moving-up" of students in the School of Nursing and the "presentation of the cap" to the sophomore students of the School of Nursing will be held on Thursday, September 20th at 7:30 p. m. in the University Chapel. The Chapel ceremony will be followed by a reception in Hanes House. Members of the University Community are extended a cordial invitation to attend these functions.

1962-63 ARTISTS SERIES

Season tickets priced at \$8.00, \$9.00, and \$10.00 are available in Room 202-A Flowers Building. A check payable to Duke University Artists Series should accompany orders and should be mailed to Box KM, Duke Station, Durham, North Carolina. Call 681-0111, Extension 2911, for further information. The concerts will be held in Page Auditorium at 8:15 p. m. on the indicated dates. The 1962-63 Series is as follows:

THE LITTLE ORCHESTRA OF NEW YORK
with FRANK GLAZER, piano soloist

Thursday, November 1

Under the baton of Thomas Scherman, the Little Orchestra of New York, numbering 40-plus virtuoso musicians, has become the country's leading musical aggregation in the performance of works written for orchestras smaller than regular symphonies and larger than chamber music ensembles. Soloist Frank Glazer has been described as "a pianist with a strong mind, strong fingers, and an affinity for understatement as rare today as it is gratifying."—*Herald Tribune*

THE GOLDOVSKY GRAND OPERA THEATER

"La Traviata"

Thursday, November 29

With a company of fifty including orchestra and chorus, Boris Goldovsky presents this season "La Traviata" in English, fully staged, and employing revolutionary new visual and auditory devices. This brilliant production of Verdi's immortal, romantic masterpiece which premiered in 1853 proves that "opera in English, properly staged, is live and appealing theater!"

RUGGIERO RICCI, VIOLINIST

Friday, January 4

A child prodigy at eight, Ruggiero Ricci has long since taken "an honored place among the world's best violinists," *Time* wrote. The latest American musician to win acclaim from the Russians, Ricci provided what the *New York Times* termed "one of the more extraordinary musical experiences of the season."

THE MINNEAPOLIS SYMPHONY ORCHESTRA

STANISLAW SKROWACZEWSKI CONDUCTING

Tuesday, February 12
(Indoor Stadium)

At home and on tour, the Minneapolis Symphony plays to audiences totaling over 275,000 in an average season. Brilliant recordings—"best sellers" in their field—carry the Orchestra's magnificent music to millions more throughout the world. Stanislaw Skrowaczewski, Poland's leading conductor as well as widely acclaimed guest conductor of major orchestras in Europe, North and South America, is in his third season as Music Director.

SAN FRANCISCO BALLET

Monday, March 11

The San Francisco Ballet, America's oldest ballet company, is recognized the world over for its effective expression of American beauty, vitality, and spirit. It is also the most-traveled classical ballet company in the world. After three international tours as cultural representatives of the United States (under the sponsorship of the American National Theatre and Academy in conjunction with the State Department) the dancers are, indeed, ambassadors of good will.

Of special interest to our patrons are two added concerts. On Thursday, November 1st, at 4:00 p. m. in Page Auditorium, THE LITTLE ORCHESTRA OF NEW YORK will present a Children's Concert with an all-Prokofieff program. ELISABETH SCHWARZKOPF, soprano, will be presented in a special concert on Thursday, November 15th, at 8:15 p. m. in Page Auditorium. Last year's patrons may use their same tickets. Individual tickets are available at \$3.00, \$2.50, and \$2.00.

THE GOTHIC BOOKSHOP

The Gothic Bookshop, favorite haunt of both students and faculty, is located by the entrance to Page Auditorium and is open weekdays from 9:00 a. m. to 5:00 p. m., on Wednesdays from 9:00 a. m. to 9:00 p. m., and on Saturdays from 9:00 a. m. until noon.

Here may be found no hard-cover textbooks, but a most interesting and versatile stock of books in all fields—the latest important books as well as standard titles. A wide selection of first-class paperbound books, as well as fine editions and bindings are available. Also in stock are good prints and twice a year there is a special sale of fine reproductions. The Gothic Bookshop Book and Art Auction held twice each year is another of the unique services extended the campus under the able direction of Mr. Jeremy North.

DENOMINATIONAL "CHURCH NIGHT" AND SUNDAY MORNING MEETINGS

"Church Night" — Friday, September 21

Baptist Student Union: Church Night activities begin at 6:30 P. M. at the Baptist Student Center on Alexander Street, including an informal banquet and program at the Center. Busses leave from East Campus circle, Hanes House and West Campus Chapel steps at 6:00 P. M.

On Saturday, September 22, from 1:30 to 2:00 P. M., rides will be leaving the East and West campus circles and Hanes House for a retreat at Camp Kanata. Dr. Sam Hill, Head of the Department of Religion at U. N. C. is to be the speaker for the retreat which will conclude on Sunday following the noon meal. Cost will be \$3.00. Leave name at Baptist Student Center or with the Chapel secretary, extension 2921.

Christian Science Organization: Church Night activities begin at 7:30 P. M. in 205 Flowers Building, including a showing of the film, "Assignment Man-kind."

Episcopal Student Fellowship: Church Night activities begin at 6:30 P. M. at the Episcopal Student Center on Alexander Street with an evening of Jazz and Poetry. Busses leave from East Campus circle, Hanes House and West Campus Chapel steps at 6:00 P. M.

At 9:30 A. M., Sunday, September 23, Holy Communion will be observed at the Student Center.

Friends: No Church Night activities. Friends meeting for worship at 11:00 A. M. on Sunday, September 23 in the Friends Meeting House on Alexander Street. Open business meeting the second Thursday of every month beginning with supper at 6:00 P. M.

Lutheran Student Association: Church Night activities will include a reception for entering Lutherans by local Lutheran Churches at St. Paul's Lutheran Church, 511 Vickers Avenue. Rides leave at 7:00 P. M. from West Campus—meet on end of Chapel steps nearest Union—and East Campus—meet at bus stop bench in front of East Duke Building. 9:15 P. M.: return from reception at St. Paul's and visits to Christ and Grace—Missouri, Lutheran Churches.

Methodist Student Fellowship: Church Night activities begin at 6:30 P. M. at the Methodist Student Center on Oregon Street including a Wesley Players' Chancel Drama followed by refreshments and recreation. Busses leave from East Campus circle, Hanes House and West Campus Chapel steps at 6:00 P. M.

Sunday morning, September 23, at 9:30 A. M. will be the opening session of the study program with a discussion by Dr. Waldo Beach on "Study as Dialogue."

Newman Club (Catholic): Church Night activities will begin at 7:30 P. M. in the Church of the Immaculate Conception, 810 W. Chapel Hill Street, for Benediction followed by a reception in the Fellowship Hall.

Holy Mass will be observed at 6:30 A. M., 8:00 A. M.,

9:30 A. M. and 11:00 A. M. on Sunday, September 23, at the Church.

Presbyterian (Westminster) Fellowship: Church Night activities begin at 6:30 P. M. in the Westminster House on Alexander Street and will include refreshments and recreation. Busses will leave from East Campus circle, Hanes House and West Campus Chapel steps at 6:00 P. M.

Presbyterian Sunday School meets at 9:30 A. M., September 23 in the Westminster House.

JUDEA REFORM CONGREGATION

The Judea Reform Congregation invites Jewish students to join in the weekly Friday night service, conducted by Rabbi Efraim Rosenzweig, 8:00 p. m., at the Friends Meeting House, Alexander Street.

Students are also invited to join in the New Year and Day of Atonement services, conducted by Rabbi Efraim Rosenzweig. Services will be held at York Chapel, beginning at 8:00 p. m., Friday, September 28th; 10:00 a. m., Saturday, September 29th; 8:00 p. m., Sunday, October 7th; 10:00 a. m. and 3:30 p. m., Monday, October 8th.

VESPERS

Joint vesper services sponsored by the Y. W. C. A. and Y. M. C. A. will be conducted in the Woman's College Auditorium on Sunday, September 16th, at 7:15 p. m. The speaker will be Dr. Waldo Beach, Professor of Christian Ethics and Director of Graduate Studies in Religion.

FALLOUT PREPAREDNESS COMMITTEE MEETING

There will be a meeting of the Fallout Preparedness Committee on Monday, September 17th, at 4:30 p. m. in the Trustee Board Room, Allen Building. All members are urged to attend.

PHYSICS LECTURE

The Department of Physics will sponsor a lecture by Professor T. M. Sugden, University of Cambridge, on Tuesday, September 18th, at 4:00 p. m. in Room 116 Chemistry Building. Professor Sugden will speak on "Microwave and Mass Spectrometric Work on Ionization in Flames." Members of the University Community are invited to attend.

ADVANCE ANNOUNCEMENT 1962-63 CHAMBER ARTS SOCIETY

The Chamber Arts Society announces the following concerts for the 1962-63 season:

Saturday, October 20
JULLIARD QUARTET

Saturday, November 17
RALPH KIRKPATRICK (HARPSICHORD)

Saturday, December 1
FINE ARTS QUARTET

Saturday, January 19
HERMANN PREY (BARITONE)—“Liederabend”

Saturday, February 9
ALBENERI TRIO

Saturday, March 9
DUO DI ROMA (PIANO-CELLO)

These concerts will be held in the Music Room, East Duke Building, beginning at 8:15 p.m.

MEMBERSHIP AND ADMISSION:

Membership Card admitting to the six concerts will cost \$12.00. The membership card is transferable. Membership enrollment is limited to 330 persons. Cards will be issued in order of application. Letters with membership application forms and program information are being sent to all members enrolled in 1961-62 and will be sent to any interested persons on request.

Guest Card for single admission to any one concert will cost \$2.50. (About seventy guest cards will be available for each concert; they may be obtained at the door from 7:30 to 8:00 p.m.)

The Chamber Arts Society is a non-profit organization; membership is open to all persons. For membership enrollment, send check and address to:

Chamber Arts Society
% Ernest W. Nelson
Box 6065, College Station
Durham, North Carolina

CHAPEL PREACHING SCHEDULE FALL SEMESTER, 1962-63

September 16—Freshman Sunday—The Reverend Professor James T. Cleland, Dean of the Chapel

September 23—Opening Sunday—The Reverend Howard C. Wilkinson, Chaplain to the University

September 30—The Reverend Dr. Waldo Beach, Professor of Christian Ethics, The Divinity School

October 7—World-Wide Communion—Celebrant, Chaplain Howard C. Wilkinson; Preacher, Dean James T. Cleland

October 14—Dr. Douglas V. Steere, Professor of Philosophy, Haverford College, Haverford, Pennsylvania

October 21—The Reverend Dr. W. Arthur Kale, Professor of Christian Education, The Divinity School

October 28—Chaplain Howard C. Wilkinson

November 4—Dad's Day—The Reverend Dr. Kyle Haselden, Managing Editor, *The Christian Century*

November 11—The Reverend Dr. Robert E. Cushman, Dean, The Divinity School

November 18—Dean James T. Cleland

November 25—Thanksgiving Recess

December 2—Advent—The Reverend Dr. Creighton Lacy, Associate Professor of World Christianity, The Divinity School

December 9—The Reverend Dr. Nolan B. Harmon, Jr., Bishop, The Charlotte Area of the Methodist Church

December 16—Christmas Sunday—Dean James T. Cleland

December 23—Christmas Recess

December 30—Christmas Recess

January 6—New Year's Sunday—Chaplain Howard C. Wilkinson

January 13—The Reverend Dr. James L. Price, Jr., Chairman, The Department of Religion

January 20—Dean James T. Cleland

January 27—The Reverend Dr. McMurry S. Richey, Associate Professor of Theology and Christian Nurture, The Divinity School

1962 FALL REGISTRATIONS

On Monday, September 17th, from 8:30 a.m. to 12:00 noon and 2:30 p.m. to 4:30 p.m. Registration of all new students. All Freshmen (Woman's College, School of Nursing, Trinity College and College of Engineering) report to the Indoor Stadium on an individual appointment basis to have their course cards written and sectioned. Director of Undergraduate Studies must be present for this operation.

On Monday, September 17th, from 9:00 a.m. to 12:30 p.m. Conferences on courses of study and course card writing for all Woman's College, and Trinity College, O. S. R., Transfers, and Degree Special Students by appointment. Departments requested to have representatives for this phase of registration will be notified by telephone.

On Monday, September 17th, from 2:00 to 4:30 p.m. Registration of all O. S. R., Transfer, and Degree Special Students at the Indoor Stadium.

On Tuesday, September 18th, new graduate students are to report to Graduate Office, 127 Allen Building, for advising.

On Wednesday, September 19th, from 9:00 a.m. to 12:00 noon and from 2:00 p.m. to 3:30 p.m. in the Indoor Stadium for Trinity College, The Woman's College, School of Nursing, College of Engineering, (only those making course changes), and the Graduate School. The departmental representatives are concerned only with those pre-registered undergraduates who are making changes in their schedule. No registration of late O.S.R.'s, Transfers, or new students will be undertaken on this date. All departments must be represented at the registration in the Indoor Stadium.

DINING HALL SCHEDULES

MEAL HOURS—MEN'S DINING HALLS

WEEKLY MEAL HOURS	SUNDAY HOURS
<i>Cafeterias:</i>	<i>Cafeterias:</i>
Breakfast 7:00- 9:30	Breakfast 8:30-11:00
Lunch 11:00- 2:00	Lunch 11:30- 2:00
Dinner 5:00- 7:00	Dinner 5:00- 7:00
<i>Snack Bar:</i> 9:30-11:00 a.m.	No SNACK BAR ON SUNDAY
<i>Oak Room:</i>	<i>Oak Room:</i>
Lunch 11:30- 2:00	Lunch 11:30- 2:00
Dinner 5:00- 7:00	Dinner 5:00- 7:00

MEAL HOURS—WOMAN'S COLLEGE DINING HALLS

WEEKLY MEAL HOURS	SUNDAY HOURS
Breakfast 7:15- 8:45	Breakfast 8:30- 9:30
Lunch 11:15- 1:30	Lunch 11:30- 1:30
Dinner 5:00- 6:30	Dinner 5:00- 6:15

MEAL HOURS—GRADUATE CENTER DINING HALLS

WEEKLY MEAL HOURS	SUNDAY HOURS
Breakfast 6:30- 9:30	Breakfast Bar
Lunch 11:15- 1:30	Only 8:00-11:00
Dinner 5:00- 6:30	

Coffee Lounge 11:30 a.m.-11:00 p.m.

WEEKLY CALENDAR INFORMATION

This is the first issue of the University Weekly Calendar of Duke University for the academic year 1962-63. Hereafter, the Calendar will appear every Saturday morning.

Members of the faculty and staff are requested to have notices for publication in the Calendar in Room 202-A Flowers Building, West Campus, not later than 1:00 p. m. on **Wednesday**. This is absolutely necessary in order that the Calendar may be handled by the printers and be ready for distribution early Saturday morning.

Distribution of the Calendar to faculty, staff, graduate and undergraduate students will be handled in the following fashion:

Faculty—Copies to departmental offices unless an individual office is in another building in which case the office will receive a copy.

Staff—Copies to various Administrative offices and to individual staff offices.

Graduate Students—Copies to departmental offices.

Undergraduate Students—Copies to dormitories for posting purposes only.

Hospital Faculty and Staff—Copies to Hospital Post Office for distribution via individual boxes.

Further clarification may be obtained by calling Extension 2911.

LIBRARY SCHEDULES

Effective September 20th

General Library

Monday-Friday	8:00 a.m.-11:00 p.m.
Saturday	8:00 a.m.- 6:00 p.m.

Note: The Main Loan Desk and Undergraduate Reading Room will be open 8:00 a.m.-10:30 p.m. on Saturdays.

Sunday	2:00 p.m.- 6:00 p.m.
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Note: The Periodical Room, Undergraduate and Graduate Reading Rooms will be open 2:00 p.m.-11:00 p.m. on Sundays.

Woman's College Library

Monday-Friday	8:00 a.m.-10:00 p.m.
Saturday	8:00 a.m.- 5:00 p.m.
Sunday	2:00 p.m.-10:00 p.m.

Schedules for other campus libraries will be posted in those libraries.

DUKE UNIVERSITY 1962 FOOTBALL SCHEDULE AND TICKET PRICES

AT HOME

Date	Time P.M.	Opponent	Regular	Family Plan	Children
Sept. 29—2:00		U. of S. Caro. . .	\$4.50	\$2.50	\$.50
Oct. 13—2:00		U. of Cal.	4.50	2.50	.50
Oct. 27—2:00		N. C. State.	4.50	2.50	.50
Nov. 3—2:00		Georgia Tech.	4.50	2.50	.50
Nov. 10—2:00		Maryland	4.50	2.50	.50

AWAY

Date	Time P.M.	Opponent	Price
Sept. 22—1:30		University of Southern California. . .	\$4.00
Oct. 6—2:00		University of Florida.	5.00
Oct. 20—2:00		Clemson College	4.50
Nov. 17—2:00		Wake Forest.	4.00
Nov. 24—2:00		University of North Carolina.	4.50

FAMILY PLAN

To make it possible for faculty and staff family groups to attend games at a reduced price, the Duke Athletic Association is continuing this year a Family Plan for tickets. Under this plan, a section of end-zone seats has been set aside for sale as season tickets to adults at \$5.00 each and to children (high school age and under) at \$2.50 each for the five home games. Thus, a family of four can attend all five of Duke's home games at a total cost of \$15.00. Tickets for individual games in this family plan area will be priced at \$2.50 each for adults and \$.50 each for children. All seats will be reserved.

WEEK OF
Sept. 23-29, 1962

CALENDAR

WEEK OF
Sept. 23-29, 1962

OF DUKE UNIVERSITY



Events of the Week

Sunday, Sept. 23

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur

11:00 a.m. University Service of Worship, University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon: "A Lesson from the Clock." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, Sept. 24

9:30 a.m. The final examination of Mr. John Dement Utley for the Ph.D. degree in Pharmacology. Room M-2-2, Medical School.

3:00-5:00 p.m. Duke Players Tryouts for "Richard II." Page Auditorium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

7:00-10:00 p.m. Duke Players Tryouts for "Richard II." Page Auditorium.

8:00 p.m. Erasmus Club Meeting. Green Room, East Duke Building. Speaker: Professor John Lievsay.

Tuesday, Sept. 25

10:10 a.m. Divinity School Chapel. York Chapel. Dr. H. Shelton Smith.

3:00-5:00 p.m. Duke Players Tryouts for "Richard II." Page Auditorium.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

8:15-10:00 p.m. Duke Players Tryouts for "Richard II." Page Auditorium.

Wednesday, Sept. 26

10:10 a.m. Divinity School Chapel. York Chapel. Dr. H. Shelton Smith.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:00-9:00 p.m. Quadrangle Pictures. Page Auditorium. "THRONE OF BLOOD." This Japanese prize-winning film is an adaptation of Shakespeare's "MACBETH," set in the civil war period of medieval Japan. "One of the best pictures of the year. The most brilliant and original attempt ever made to put Shakespeare in pictures!"—Time Magazine. "A stirring, powerful film!"—Newsweek.

8:00-10:00 p.m. Reception for International Students. Men's Graduate Center.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

Thursday, Sept. 27

- 10:10 a.m. Divinity School Chapel. York Chapel. Wayne Wiley.
- 4:15-6:00 p.m. Duke Marching Band practice. Coombs Field.
- 5:00-6:00 p.m. East campus pool open for women: faculty, staff members and students.
- 7:00-9:00 p.m. Slide Rule Lecture. Engineering Auditorium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

Friday, Sept. 28

- 10:10 a.m. Divinity School Chapel. York Chapel. Dr. H. Shelton Smith.
- 2:00 p.m. The final examination of Mr. Terry Harper for the Ph.D. degree in History. Boyd Seminar Room (234 Allen Building).
- 3:00 p.m. Freshman Football: Duke versus Citadel. Stadium.
- 4:00 p.m. Chemistry Staff Seminar. Room 01, Chemistry Building. Speaker: Dr. F. M. Page.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.

Saturday, Sept. 29

- 10:00 a.m. The final examination of Mr. Thomas R. Beard for the Ph.D. degree in Economics. Conference Room, Library.
- 2:00 p.m. Varsity Football: Duke versus University of South Carolina. Stadium.
- 4:15 p.m. Student Union Open House. Union Ballroom.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "THRONE OF BLOOD." This Japanese prize-winning film is an adaptation of Shakespeare's "MACBETH," set in the civil war period of medieval Japan. "One of the best pictures of the year. The most brilliant and original attempt ever made to put Shakespeare in pictures!"—*Time Magazine*. "A stirring, powerful film!"—*Newsweek*.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Howard C. Wilkinson, Chaplain to the University, will deliver the sermon at the University Service of Worship at 11:00 a.m. on Sunday, September 23rd, in the University Chapel. His

subject will be "A Lesson from the Clock." The order of worship follows:

Presiding Minister: The Reverend Professor James T. Cleland, Dean of the Chapel

Lector: Dr. Deryl Hart, President, Duke University

Opening Voluntary—Suite Medieval *Jean Langlais*

Call to Worship—"Sanctus" from Mass II *Hassler*

Hymn—"Holy, Holy, Holy" *Dykes*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Sanctus and Hosanna" from Mass II in G major *Franz Schubert*

Scripture—Genesis 26:1-6, 12-15, 18

Hymn—"God of Grace and God of Glory" *Welsh hymn melody*
John Hughes

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—"O Heart Subdued with Grieving" *Johannes Brahms*

Response—The Doxology

Prayer of Dedication

Sermon—"A Lesson from the Clock"

Prayer

Benediction

The Sevenfold Amen *Stainer*

The Chimes

Closing Organ Voluntary—"Acclamation": from Suite Medieval *Jean Langlais*

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Thomas R. Beard for the Ph.D. degree in Economics will be held on Saturday, September 22nd, at 10:00 a.m. in the Conference Room, Library. The subject of Mr. Beard's dissertation is "Counter-Cyclical Debt Management—With Particular Emphasis on the Period March, 1951-December, 1959." The committee to conduct the examination consists of Professors R. S. Smith, William P. Yohe, D. B. Hoover, D. G. Davies, and J. H. Hallowell. Professor Smith will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Marvin W. Barker for the Ph.D. degree in Chemistry will be held on Saturday, September 22nd, at 9:30 a.m. in Room 112, Chemistry Building. The subject of Mr. Barker's dissertation is "Oxidation of Some Aromatic Azonia Salts." The committee to conduct the examination consists of Professors C. K. Bradsher, William Krigbaum, Frances Brown, Louis D. Quin and William Byrne. Professor Bradsher will preside.

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday—9:00 P.M., Baptist Student Center, Open House. Monday—6:00 P.M., the Center, Executive Council meeting. Wednesday—6:00 P.M., the Center, Student-led Vesper Service. Friday—6:00 P.M., the Center, Supper-seminars. Supper will be served at 6:00 (cost 50¢) followed by lecture-discussion groups to conclude at 8:15 P.M.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday—6:45 P.M., East Duke Chapel.

EPISCOPAL STUDENT FELLOWSHIP: Sunday—9:30 A.M., Episcopal Student Center, Holy Communion; 6:30 P.M., the Center, Cookout. Saturday—7:10 A.M., St. Michael and All Angels Day Holy Communion.

HILLEL: Sunday, September 23,—3:00-6:00 p.m., Opening of the Year dance and informal mixer at Temple Emanuel, 713 North Greene Street, Greensboro, N. C. Friday, September 28, 8:00 p.m., and Saturday and Sunday, September 29 and 30, 9:30 a.m., The Hillel House, 210 W. Cameron Avenue, Chapel Hill, High Holyday Services.

LUTHERAN STUDENT ASSOCIATION: Sunday—6:30 P.M., Green Room, East Duke Building, East Campus, Discussion and projection of the year's activities, led by Chaplain Shuford and L. S. A. prexy Roger Erickson. Wednesday—7:15 A.M., Holy Communion, East Duke Chapel, East Duke Building.

METHODIST STUDENT FELLOWSHIP: Sunday—9:30 A.M., Methodist Student Center, Introductory Session of Study Program, Dr. Waldo Beach, speaker; 6:00 P.M., the Center, Congregational Dinner (50¢ per person). Wednesday, 6:00 P.M., Sacrament of the Lord's Supper. The Fall Retreat will be held on October 20-21 at Spruce Pine Lodge near Durham. The Rev. Joseph W. Matthews, Director of the Ecumenical Institute, Evanston, Illinois, will be retreat leader. Please call the Methodist Center.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday—9:30 A.M., Westminster House, Presbyterian Sunday School; 6:30 P.M., Westminster House, Vespers, talk by Dr. Wm. Compton Bennett, discussion, refreshments.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. John Dement Utley for the Ph.D. degree in Pharmacology will be held on Monday, September 24th, at 9:30 a.m. in Room M-2-2, Medical School. The subject of Mr. Utley's dissertation is "The Effects of Anthranil-Hydroxamic Acid on Rat Behavior and Rat Brain Gamma Amino-butyric Acid, Norepinephrine, and 5-Hydroxy-tryptamine Concentrations." The committee to conduct the examination consists of Professors Frederick Bernheim, William DeTurk, I. T. Diamond, F. G. Hall, and J. E. Markee. Professor Bernheim will preside.

ERASMUS CLUB MEETING

The Erasmus Club will meet at 8:00 p.m. on Monday, October 1st, in the Green Room of the East Duke Building. The speaker will be Professor John L. Lievsay, a new member of the English Department. His topic will be the "Elizabethan Image of Italy." All faculty and graduate students are invited to attend. Future meetings of the club will be on the first Monday of each month.

RECEPTION FOR INTERNATIONAL STUDENTS

The Interfaith and Fellowship Committee of the University Religious Council will sponsor a reception honoring the international students on Wednesday, September 26th, from 8:00 until 10:00 p.m. in the Men's Graduate Center. All members of the University Community are cordially invited to attend.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Terry Harper for the Ph.D. degree in History will be held on Friday, September 28th, at 2:00 p.m. in Boyd Seminar Room (234 Allen Building). The subject of Mr. Harper's dissertation is "German Economic Policy in Spain during the Spanish Civil War 1936-1939." The committee to conduct the examination consists of Professors Joel Colton, John S. Curtiss, Robert F. Durden, John Tate Lanning, and J. H. Proctor. Professor Colton will preside.

CHEMISTRY STAFF SEMINAR

Dr. F. M. Page from the College of Advanced Technology, Birmingham, England will speak at the Chemistry Staff Seminar on Friday, September 28th in Room 01 of the Chemistry Building at 4:00 p.m. The subject of Dr. Page's address will be "Determination of Electron Affinities." Members of the University Community are extended a cordial invitation to attend this function.

ADVANCE NOTICE HONORS-MASTER'S PROGRAM

The Honors-Master's program will begin its activities for the year with a dinner meeting in the Old Trinity Room on Tuesday, October 2nd, at 5:45 p.m. The thirty-two juniors in the program will attend together with Professor Richard Predmore, Dean of the Graduate School; Professor Marcus Hobbs, Dean of the University; Professor Howard Strobel, Assistant Dean of Trinity College; and the Honors-Masters Committee consisting of Professor Merle Bevington, John Fein, Terry Johnson, Richard Leach, and Robert Durden, Chairman.

DUKE UNIVERSITY NURSERY SCHOOL

The Duke University Nursery School has an opening in the 4 year old group. Anyone interested may contact Miss Marie Hinman, Director, at extension 3673 for further information.

WOODROW WILSON FELLOWSHIPS

Competition for the \$1,000 first year graduate study awards offered by the Woodrow Wilson National Fellowship Foundation for 1963-64 is now underway. Any member of the faculty may nominate a Senior undergraduate student as a candidate for a Fellowship if he or she believes that the candidate gives promise of becoming a valuable member of the academic profession. The candidate's name, college address, and proposed field of graduate study should be sent directly to the Regional Chairman, Dean I. B. Cauthen, Jr., 412 Cabell Hall, University of Virginia, Charlottesville, Virginia, before October 31, 1962. For further information on procedure consult the local Woodrow Wilson Representatives: Professors Richard L. Watson, Jr. (History), Patrick Vincent (Romance Languages), and Merle M. Bevington (English).

ART EXHIBIT

An exhibition of Sculpture and Painting by Ibram Lassaw and Robert Broderson may be seen in the Art Gallery of the Woman's College Library. Ibram Lassaw, sculptor, is the Visiting Benjamin N. Duke Professor of Art for the 1962-63 academic year and Robert Broderson, painter, is a permanent member of the art staff. The work will be on view until October 7th.

ART LOAN COLLECTION

The Duke University Art Loan Collection is now available for rental in Room 103 Asbury Building, Monday through Friday from 9:00 a.m. through 5:00 p.m. The collection contains reproductions of contemporary art and also some originals. It is open to former members of the Duke Arts Council, faculty, staff and students. The pictures are rented per semester. Rental fee \$3.00, to be paid in advance.

STUDENT LOAN REPRODUCTIONS

Starting Monday, September 24th, and continuing through Friday, September 28th, between the hours of 9:00 a.m. and 5:00 p.m. Student Loan Pictures will be available, free of charge, through the Department of Art, in Room 103 Asbury Building. The pictures are framed for hanging and are reproductions of oil paintings, watercolors and etchings.

INVITATION TO SING MADRIGALS

Auditions are currently being held for membership in the Duke Madrigal Singers. All University persons,

undergraduate, graduate, or faculty, who are interested in singing madrigals and chamber vocal works both old and new, are herewith cordially invited to apply. Sponsored by the Music Department, the group numbers from fifteen to twenty voices, and is directed by Eugenia Saville. Interesting plans for the forthcoming semester include, besides the preparation of English and Italian Madrigals, a Christmas Vesper Service in the Duke Chapel in collaboration with the Divinity School Choir, directed by John Hanks of the Music Department, and with Dr. Waldo Beach of the Divinity School. If interested, please phone Mrs. Saville at Ext. 2534, or 489-9234.

ADVANCE ANNOUNCEMENT 1962-63 CHAMBER ARTS SOCIETY

The Chamber Arts Society announces the following concerts for the 1962-63 season:

Saturday, October 20

JULLIARD QUARTET

Saturday, November 17

RALPH KIRKPATRICK (HARPSICHORD)

Saturday, December 1

FINE ARTS QUARTET

Saturday, January 19

HERMANN PREY (BARITONE)—“Liederabend”

Saturday, February 9

ALBENERI TRIO

Saturday, March 9

DUO DI ROMA (PIANO-CELLO)

These concerts will be held in the Music Room, East Duke Building, beginning at 8:15 p.m.

MEMBERSHIP AND ADMISSION:

Membership Card admitting to the six concerts will cost \$12.00. The membership card is transferable. Membership enrollment is limited to 330 persons. Cards will be issued in order of application. Letters with membership application forms and program information are being sent to all members enrolled in 1961-62 and will be sent to any interested persons on request.

Guest Card for single admission to any one concert will cost \$2.50. (About seventy guest cards will be available for each concert; they may be obtained at the door from 7:30 to 8:00 p.m.)

The Chamber Arts Society is a non-profit organization; membership is open to all persons. For membership enrollment, send check and address to:

Chamber Arts Society
% Ernest W. Nelson
Box 6065, College Station
Durham, North Carolina

CHAPEL PREACHING SCHEDULE FALL SEMESTER, 1962-63

- September 16—Freshman Sunday—The Reverend Professor James T. Cleland, Dean of the Chapel
- September 23—Opening Sunday—The Reverend Howard C. Wilkinsou, Chaplain to the University
- September 30—The Reverend Dr. Waldo Beach, Professor of Christian Ethics, The Divinity School
- October 7—World-Wide Communion—Celebrant, Chaplain Howard C. Wilkinson; Preacher, Dean James T. Cleland
- October 14—Dr. Douglas V. Steere, Professor of Philosophy, Haverford College, Haverford, Pennsylvania
- October 21—The Reverend Dr. W. Arthur Kale, Professor of Christian Education, The Divinity School
- October 28—Chaplain Howard C. Wilkinsou
- November 4—Dad's Day—The Reverend Dr. Kyle Haselden, Managing Editor, *The Christian Century*
- November 11—The Reverend Dr. Robert E. Cushman, Dean, The Divinity School
- November 18—Dean James T. Cleland
- November 25—Thanksgiving Recess
- December 2—Advent—The Reverend Dr. Creighton Lacy, Associate Professor of World Christianity, The Divinity School
- December 9—The Reverend Dr. Nolan B. Harmon, Jr., Bishop, The Charlotte Area of the Methodist Church
- December 16—Christmas Sunday—Dean James T. Cleland
- December 23—Christmas Recess
- December 30—Christmas Recess
- January 6—New Year's Sunday—Chaplain Howard C. Wilkinsou
- January 13—The Reverend Dr. James L. Price, Jr., Chairmau, The Department of Religion
- January 20—Dean James T. Cleland
- January 27—The Reverend Dr. McMurry S. Richey, Associate Professor of Theology and Christian Nurture, The Divinity School

THE GOTHIC BOOKSHOP

The Gothic Bookshop, favorite haunt of both students and faculty, is located by the entrance to Page Auditorium and is open weekdays from 9:00 a.m. to 5:00 p.m., on Wednesdays from 9:00 a.m. to 9:00 p.m., and on Saturdays from 9:00 a.m. until noon.

Here may be found no hard-cover textbooks, but a most interesting and versatile stock of books in all fields—the latest important books as well as standard titles. A wide selection of first-class paperbound books, as well as fine editions and bindings are available. Also in stock are good prints and twice a year there is a special sale of fine reproductions. The Gothic Bookshop Book and Art Auction held twice each year is another of the unique services extended the campus under the able direction of Mr. Jeremy North.

1962-63 ARTISTS SERIES

Season tickets priced at \$8.00, \$9.00, and \$10.00 are available in Room 202-A Flowers Building. A check payable to Duke University Artists Series should accompany orders and should be mailed to Box KM, Duke Station, Durham, North Carolina. Call 681-0111, Extension 2911, for further information. The concerts will be held in Page Auditorium at 8:15 p.m. on the indicated dates. The 1962-63 Series is as follows:

THE LITTLE ORCHESTRA OF NEW YORK with FRANK GLAZER, piano soloist

Thursday, November 1

Under the baton of Thomas Scherman, the Little Orchestra of New York, numbering 40-plus virtuoso musicians, has become the country's leading musical aggregation in the performance of works written for orchestras smaller than regular symphonies and larger than chamber music ensembles. Soloist Frank Glazer has been described as "a pianist with a strong mind, strong fingers, and an affinity for understatement as rare today as it is gratifying."—*Herald Tribune*

THE GOLDOVSKY GRAND OPERA THEATER

"La Traviata"

Thursday, November 29

With a company of fifty including orchestra and chorus, Boris Goldovsky presents this season "La Traviata" in English, fully staged, and employing revolutionary new visual and auditory devices. This brilliant production of Verdi's immortal, romantic masterpiece which premiered in 1853 proves that "opera in English, properly staged, is live and appealing theater!"

RUGGIERO RICCI, VIOLINIST

Friday, January 4

A child prodigy at eight, Ruggiero Ricci has long since taken "an honored place among the world's best violinists," *Time* wrote. The latest American musician to win acclaim from the Russians, Ricci provided what the *New York Times* termed "one of the more extraordinary musical experiences of the season."

THE MINNEAPOLIS SYMPHONY ORCHESTRA STANISLAW SKROWACZEWSKI CONDUCTING

Tuesday, February 12
(Indoor Stadium)

At home and on tour, the Minneapolis Symphony plays to audiences totaling over 275,000 in an average season. Brilliant recordings—"best sellers" in their field—carry the Orchestra's magnificent music to millions more throughout the world. Stanislaw Skrowaczewski, Poland's leading conductor as well as widely acclaimed guest conductor of major orchestras in Europe, North and South America, is in his third season as Music Director.

SAN FRANCISCO BALLET

Monday, March 11

The San Francisco Ballet, America's oldest ballet company, is recognized the world over for its effective expression of American beauty, vitality, and spirit. It is also the most-traveled classical ballet company in the world. After three international tours as cultural representatives of the United States (under the sponsorship of the American National Theatre and Academy in conjunction with the State Department) the dancers are, indeed, ambassadors of good will.

Of special interest to our patrons are two added concerts. On Thursday, November 1st, at 4:00 p.m. in Page Auditorium, THE LITTLE ORCHESTRA OF NEW YORK will present a Children's Concert with an all-Prokofieff program. ELISABETH SCHWARZKOPF, soprano, will be presented in a special concert on Thursday, November 15th, at 8:15 p.m. in Page Auditorium. Last year's patrons may use their same tickets. Individual tickets are available at \$3.00, \$2.50, and \$2.00.

DINING HALL SCHEDULES

MEAL HOURS—MEN'S DINING HALLS

WEEKLY MEAL HOURS	SUNDAY HOURS
<i>Cafeterias:</i>	<i>Cafeterias:</i>
Breakfast 7:00- 9:30	Breakfast 8:30-11:00
Lunch 11:00- 2:00	Lunch 11:30- 2:00
Dinner 5:00- 7:00	Dinner 5:00- 7:00
<i>Snack Bar:</i> 9:30-11:00 a.m.	NO SNACK BAR ON SUNDAY
<i>Oak Room:</i>	<i>Oak Room:</i>
Lunch 11:30- 2:00	Lunch 11:30- 2:00
Dinner 5:00- 7:00	Dinner 5:00- 7:00

MEAL HOURS—WOMAN'S COLLEGE DINING HALLS

WEEKLY MEAL HOURS	SUNDAY HOURS
Breakfast 7:15- 8:45	Breakfast 8:30- 9:30
Lunch 11:15- 1:30	Lunch 11:30- 1:30
Dinner 5:00- 6:30	Dinner 5:00- 6:15

MEAL HOURS—GRADUATE CENTER DINING HALLS

WEEKLY MEAL HOURS	SUNDAY HOURS
Breakfast 6:30- 9:30	Breakfast Bar 8:00-11:00
Lunch 11:15- 1:30	Only
Dinner 5:00- 6:30	
Coffee Lounge 11:30 a.m.-11:00 p.m.	

WEEKLY CALENDAR INFORMATION

This is the second issue of the University Weekly Calendar of Duke University for the academic year 1962-63. Hereafter, the Calendar will appear every Saturday morning.

Members of the faculty and staff are requested to have notices for publication in the Calendar in Room 202-A Flowers Building, West Campus, not later than 1:00 p. m. on **Wednesday**. This is absolutely necessary in order that the Calendar may be handled by the printers and be ready for distribution early Saturday morning.

Distribution of the Calendar to faculty, staff, graduate and undergraduate students will be handled in the following fashion:

Faculty—Copies to departmental offices unless an individual office is in another building in which case the office will receive a copy.

Staff—Copies to various Administrative offices and to individual staff offices.

Graduate Students—Copies to departmental offices.

Undergraduate Students—Copies to dormitories for posting purposes only.

Hospital Faculty and Staff—Copies to Hospital Post Office for distribution via individual boxes.

Further clarification may be obtained by calling Extension 2911.

CHAPEL CONCERTS FOR FALL SEMESTER

October 14, 4 o'clock	Guest Organ Recital Professor Anton Heiller, World famous Viennese Organist and Composer
November 4, 4 o'clock	Voice and Organ Recital Professor John Hanks, Tenor Mildred L. Hendrix, University Organist
December 2, 4 o'clock	"The Messiah" Duke Chapel Choir Professor Paul Young, Director

December 16, 4 o'clock	"Christmas in Word and Music" Men's and Women's Chorus James S. Young, Assistant Director of Choral Activities
January 6, 1963 4 o'clock	Guest Organ Recital Edmund B. Wright Professor of Organ, Hollins College

LIBRARY SCHEDULES

Effective September 20th

General Library

Monday-Friday	8:00 a.m.-11:00 p.m.
Saturday	8:00 a.m.- 6:00 p.m.

Note: The Main Loan Desk and Undergraduate Reading Room will be open 8:00 a.m.-10:30 p.m. on Saturdays.

Sunday	2:00 p.m.- 6:00 p.m.
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Note: The Periodical Room, Undergraduate and Graduate Reading Rooms will be open 2:00 p.m.-11:00 p.m. on Sundays.

Woman's College Library

Monday-Friday	8:00 a.m.-10:00 p.m.
Saturday	8:00 a.m.- 5:00 p.m.
Sunday	2:00 p.m.-10:00 p.m.

Schedules for other campus libraries will be posted in those libraries.

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AT HOME

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Nov. 3—2:00		Georgia Tech....	4.50	2.50	.50
Nov. 10—2:00		Maryland	4.50	2.50	.50

AWAY

Date	Time P.M.	Opponent	Price
Sept. 22—1:30		University of Southern California.....	\$4.00
Oct. 6—2:00		University of Florida	5.00
Oct. 20—2:00		Clemson College.....	4.50
Nov. 17—2:00		Wake Forest.....	4.00
Nov. 24—2:00		University of North Carolina.....	4.50

FAMILY PLAN

To make it possible for faculty and staff family groups to attend games at a reduced price, the Duke Athletic Association is continuing this year a Family Plan for tickets. Under this plan, a section of end-zone seats has been set aside for sale as season tickets to adults at \$5.00 each and to children (high school age and under) at \$2.50 each for the five home games. Thus, a family of four can attend all five of Duke's home games at a total cost of \$15.00. Tickets for individual games in this family plan area will be priced at \$2.50 each for adults and \$.50 each for children. All seats will be reserved.

WEEK OF

Sept. 30-Oct. 6, 1962

WEEK OF

Sept. 30-Oct. 6, 1962

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, Sept. 30

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur

11:00 a.m. University Service of Worship, University Chapel. Preacher: The Reverend Professor Waldo Beach, Professor of Christian Ethics, the Divinity School. Sermon: "A Tender Conscience." Broadcast over Radio Station WDNC and WDNC-FM.

2:30 p.m. Duke University International Club picnic. Duke Forest (Gate F).

Monday, Oct. 1

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

5:30-6:30 p.m. Faculty Volleyball. Indoor Stadium.

7:45 p.m. Durham Civic Choral Society. Allied Arts Center.

8:00 p.m. Erasmus Club Meeting. Green Room, East Duke Building. Speaker: Professor John L. Lievsay.

Tuesday, Oct. 2

10:10 a.m. Divinity School Chapel. York Chapel. Chaplain Howard C. Wilkinson.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:45 p.m. Honors-Master's Program Dinner Meeting. Old Trinity Room.

8:00 p.m. U. S. Army Research Lecture. Room 114 Physics Building. Speaker: W. S. Pellini.

Wednesday, Oct. 3

10:10 a.m. Divinity School Chapel. York Chapel. Reverend O. L. Hathaway, Durham District Superintendent.

11:00 a.m. Divinity School Lecture: York Chapel. Francis Pickens Miller. "The Christian Interpretation of the Contemporary Situation in America."

4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building (Auditorium). Speaker: Dr. Ernest Ball.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "TIGHT LITTLE ISLAND,"

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

with Basil Radford and Joan Greenwood. "The funniest picture that ever crossed the 'Big Drink'" —**N. Y. Times**. "The British movie makers have spun a tight little comedy of pure gold." —**Herald Tribune**.

Thursday, Oct. 4

- 10:00 a.m. Divinity School Chapel. York Chapel. Mr. Dave DuBose.
- 11:30 a.m. Civil Engineering Seminar. Room 120 Engineering Building. Speaker: Mr. George Coffin.
- 4:15-6:00 p.m. Duke Marching Band practice. Coombs Field.
- 5:00-6:00 p.m. East campus pool open for women: faculty, staff members, and students.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:00-9:00 p.m. Slide Rule Lecture. Engineering Auditorium. Speakers: Professor Otto Meier and R. E. Lewis and Mr. J. D. Wellons.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, Oct. 5

- 10:00 a.m. Divinity School Chapel. York Chapel. Mr. Doug Gilbert.
- 3:00 p.m. Political Science Graduate Seminar. Room 302 West Campus Library. Speaker: Professor Ralph Braibanti.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.

Saturday, Oct. 6

- 2:00 p.m. Varsity Football: Duke versus University of Florida. Jacksonville, Florida.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "TIGHT LITTLE ISLAND," with Basil Radford and Joan Greenwood. "The funniest picture that ever crossed the 'Big Drink'" —**N. Y. Times**. "The British movie makers have spun a tight little comedy of pure gold" —**Herald Tribune**.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Waldo Beach, Professor of Christian Ethics, The Divinity School, will deliver the sermon at the University Service of Worship on Sunday, September 30th, at 11:00 a.m. in the Uni-

versity Chapel. His subject will be "A Tender Conscience." The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister.

Opening Organ Voluntary—Concerto I in G Major *J. S. Bach*
"Aria" from Concerto VI *Handel*

Call to Worship—"Sanctus" from Mass II *Hassler*

Hymn—"Joyful, Joyful, We Adore Thee" *Beethoven*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Almighty God, Who Hast Me Brought" *Thomas Ford*

Scripture Lesson—Deuteronomy 30:11-20, Philippians 4:4-8

Hymn—"I Want a Principle Within" *Louis Spohr*

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—"How Excellent Thy Name, O Lord" *Handel*

Response—The Doxology

Prayer of Dedication

Sermon—"A Tender Conscience"

Prayer

Benediction

Choral Response—"Sevenfold Amen"

The Chimes

Closing Voluntary—"Presto" from Concerto I *J. S. Bach*

INTERNATIONAL CLUB PICNIC

The Duke University International Club will have a picnic on Sunday, September 30th in Duke Forest (Gate F) at 2:30 p.m. Cars will meet at 2:00 p.m. at the East Campus Circle providing rides for those wishing them. Those interested in participating in the club's functions are extended a cordial invitation to attend.

DURHAM CIVIC CHORAL SOCIETY

The Durham Civic Choral Society will begin its fourteenth year with the first meeting of the fall season next Monday, October 1st at 7:45 p.m. Dr. Paul R. Bryan will direct weekly rehearsals at the Allied Arts Center on Proctor Street which will culminate with the first concert on December 3rd. Members of the University Community are invited to join the adult singers of the "Research Triangle" area in this musical venture.

The December performance will feature Schubert's "Mass in G Major" and the third part of Bach's "Christmas Oratorio." Further information may be secured by calling Mrs. Byron N. Hipps, Publicity Chairman, phone 489-2687.

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 9:00 P.M., Baptist Student Center, Open House. Wednesday, 6:00 P.M., Vespers at the Center. Friday, 6:00 P.M., the Center, Supper followed by seminars led by Dr. Tom McCullough and Dr. W. D. White, concluded by 8:15 P.M.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., East Duke Chapel.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Episcopal Student Center, Holy Communion; 5:30 P.M., the Center, Evening Prayer; 6:00 P.M., the Center, The Episcopal Chaplain will lead a discussion on "Why Is Religion Discarded in College?" Wednesday, 7:10 A.M. and 5:30 P.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room of East Duke Building, East Campus, group discussion on "Integration and Discrimination at Duke."

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Methodist Student Center, Study Groups (registration for seminars is still open); 6:00 P.M., Methodist Center, Evening Worship; 7:00 P.M., Forum Hour—Miss Barbara Benedict, Speaker. Wednesday, 6:00 P.M., the Center, The Sacrament of the Lord's Supper. The Fall Retreat will be held October 20-21, at Camp New Hope. Retreat leader will be the Rev. Joseph Matthews, Director of the Ecumenical Institute, Evanston, Illinois. Cost is \$4.00. Call the Methodist Center (286-9230) or Miss Barbara Benedict (ext. 2909) to register.

Any married couples interested in participating in a weekly or bi-weekly supper-discussion group are invited to call or come by the Methodist Center (286-9230). A nursery will be provided if necessary.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 9:30 A.M., Westminster House, Presbyterian Sunday School (a light breakfast will be served). 6:30 P.M., Westminster House, Vespers: Dr. Waldo Beach will speak on "Conscience and Promise."

ERASMUS CLUB MEETING

The Erasmus Club will hold its first meeting of the year at 8:00 p.m. on Monday, October 1st, in the Green Room, East Duke Building. The speaker for the evening will be Professor John L. Lievsay, a new member of the English Department. The title of his paper will be "The Elizabethan Image of Italy." All faculty members and graduate students are invited to attend.

Future meetings of the club for the current academic year will be held on the first Monday of each month.

HONORS-MASTER'S PROGRAM

The Honors-Master's program will begin its activities for the year with a dinner meeting in the Old Trinity Room on Tuesday, October 2nd, at 5:45 p.m. The thirty-two juniors in the program will attend together with Professor Richard Predmore, Dean of the Graduate School; Professor Marcus Hobbs, Dean of the University; Professor Howard Strobel, Assistant Dean of Trinity College; and the Honors-Masters Committee consisting of Professor Merle Bevington, John Fein, Terry Johnson, Richard Leach, and Robert Durden, Chairman.

U. S. ARMY RESEARCH LECTURE

A lecture on "The Management Problem of Organizational Interfaces in Materials R & D Laboratories" will be presented by W. S. Pellini, Naval Research Laboratory, in Room 114 Physics Building, on Tuesday, October 2nd at 8:00 p.m.

Mr. Pellini will discuss the general problem, "how to achieve adequate translation of basic research findings into appropriate applied research and the results of applied research into effective product development." This is a crucial governmental and industrial problem and the speaker's discussion will be from the viewpoint of government in-house research management. There will be a question and answer session.

An invitation to attend Mr. Pellini's lecture is cordially extended to all members of the scientific community of the Research Triangle area.

DIVINITY SCHOOL SPECIAL LECTURER

Francis Pickens Miller, special assistant to the Secretary of State, has been selected by the Divinity School Committee on Public Lectures as the first speaker on this year's calendar. On Wednesday, October 3rd, at 11:00 a.m. in York Chapel, Mr. Miller will speak on "The Christian Interpretation of the Contemporary Situation in America."

Mr. Miller, a graduate of Washington and Lee College and also Oxford University, where he was a Rhodes Scholar, holds honorary degrees from Centre College and Washington and Jefferson College. He was early associated with the Student Christian Movement, both nationally and internationally. He is a prominent layman in the Presbyterian Church and has been a member of the Central Committee of the World Council of Churches. His war service, in both World Wars, found him with high rank in the Army and the recipient of decorations from the United States, Great Britain, France, and Belgium. He was a candidate for the governorship in Virginia in 1949 and for the United States Senate in 1952. He is author, or joint author, of six volumes between the years 1930 and 1957.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, October 3rd, at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium). Dr. Ernest Ball of the Department of Botany, State College, Raleigh, N. C., will discuss some of his recent research on stem growth. His talk will be illustrated with moving pictures of growing stem tips.

Refreshments will be served at 4:00 p.m.

CIVIL ENGINEERING SEMINAR

Mr. George Coffin of the Civil Engineering Department will speak at the Civil Engineering Seminar on Thursday, October 4th in Room 120 of the Engineering Building at 11:30 a.m. The subject of Mr. Coffin's address will be "Plaster of Paris as a Static and Dynamic Model Testing Materials."

All interested persons are cordially invited to attend.

SLIDE RULE LECTURE

The first of the annual Slide Rule Lectures will be presented in the Engineering Auditorium on Thursday, October 4th, at 7:00 p.m. Speaking on the history, care and types of rules will be Professors Otto Meier and R. E. Lewis and Mr. J. D. Wellons. Since sample problems and examples will be studied, it is desirable that those attending bring slide rules. Sponsored jointly by Tau Beta Pi and The Order of Saint Patrick, the lectures are open to the public.

POLITICAL SCIENCE GRADUATE SEMINAR

The first meeting of the Political Science Graduate Seminar for the current academic year will be held in Room 302 of the West Campus Library on Friday afternoon, October 5th, at 3:00 p.m. The speaker will be Professor Ralph Braibanti, who has recently returned from Pakistan where he was for two years Chief Advisor to the Civil Service Academy. His subject will be "The Environment of Research in Pakistan."

ADVANCE NOTICE GUEST ORGAN RECITAL

The first organ recital of the academic year will be presented by world famous Viennese organist, Anton Heiller, on Sunday, October 14 at 4:00 o'clock in the University Chapel. The public is cordially invited.

OFFICIAL MEETINGS, 1962-63, D. U. RELIGIOUS COUNCIL

October 16—4:00 P.M.—D. U. R. C. Exec. Comm.—Chapel
December 4—4:00 P.M.—D. U. R. C. Exec. Comm.—Chapel
January 8—4:00 P.M.—D. U. R. C. Exec. Comm.—Chapel
February 19—4:00 P.M.—D. U. R. C. Exec. Comm.—Chapel
March 19—4:00 P.M.—D. U. R. C. Exec. Comm.—Chapel
April (date to be fixed later)—D. U. R. C. Exec. Comm.—Chapel
April 4—7:30 P.M.—D. U. R. C. (Full Council)—Edgemont
May 2—5:45 P.M.—D. U. R. C. (Full Council)—M. G. C.
May (date to be fixed later)—D. U. R. C. Exec. Comm.—Chapel

1962-63 ARTIST SERIES

The 1962-63 Duke University Artists Series announces the following concerts for the 1962-63 Season:

THE LITTLE ORCHESTRA OF NEW YORK
with FRANK GLAZER, piano soloist

Thursday, November 1

THE GOLDOVSKY GRAND OPERA THEATER
"La Traviata"

Thursday, November 29

RUGGIERO RICCI, violinist

Friday, January 4

THE MINNEAPOLIS SYMPHONY ORCHESTRA
STANISLAW SKROWACZEWSKI, conductor

Tuesday, February 12
(Indoor Stadium)

SAN FRANCISCO BALLET

Monday, March 11

Season ticket reservations priced at \$8.00, \$9.00, and \$10.00 are available in Room 202-A Flowers Building, by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station, Durham, North Carolina.

Of special interest to our patrons are two added concerts. On Thursday, November 1st, at 4:00 p.m. in Page Auditorium, THE LITTLE ORCHESTRA OF NEW YORK will present a Children's Concert with an all-Prokofieff program. ELISABETH SCHWARZKOPF, soprano, will be presented in a special concert on Thursday, November 15th, at 8:15 p.m. in Page Auditorium. Last year's patrons may use their same tickets. Individual tickets are available at \$3.00, \$2.50, and \$2.00.

ART EXHIBIT

An exhibition of Sculpture and Painting by Ibram Lassaw and Robert Broderson may be seen in the Art Gallery of the Woman's College Library. Ibram Lassaw, sculptor, is the Visiting Benjamin N. Duke Professor of Art for the 1962-63 academic year and Robert Broderson, painter, is a permanent member of the art staff. The work will be on view until October 7th.

ADVANCE ANNOUNCEMENT 1962-63 CHAMBER ARTS SOCIETY

The Chamber Arts Society announces the following concerts for the 1962-63 season:

Saturday, October 20

JULLIARD QUARTET

Saturday, November 17

RALPH KIRKPATRICK (HARPSICHORD)

Saturday, December 1

FINE ARTS QUARTET

Saturday, January 19

HERMANN PREY (BARITONE)—"Liederabend"

Saturday, February 9

ALBENERI TRIO

Saturday, March 9

DUO DI ROMA (PIANO-CELLO)

These concerts will be held in the Music Room, East Duke Building, beginning at 8:15 p.m.

MEMBERSHIP AND ADMISSION:

Membership Card admitting to the six concerts will cost \$12.00. The membership card is transferable. Membership enrollment is limited to 330 persons. Cards will be issued in order of application. Letters with membership application forms and program information are being sent to all members enrolled in 1961-62 and will be sent to any interested persons on request.

Guest Card for single admission to any one concert will cost \$2.50. (About seventy guest cards will be available for each concert; they may be obtained at the door from 7:30 to 8:00 p.m.)

The Chamber Arts Society is a non-profit organization; membership is open to all persons. For membership enrollment, send check and address to:

Chamber Arts Society
% Ernest W. Nelson
Box 6065, College Station
Durham, North Carolina

WOODROW WILSON FELLOWSHIPS

Competition for the \$1,000 first year graduate study awards offered by the Woodrow Wilson National Fellowship Foundation for 1963-64 is now underway. Any member of the faculty may nominate a Senior undergraduate student as a candidate for a Fellowship if he or she believes that the candidate gives promise of becoming a valuable member of the academic profession. The candidate's name, college address, and proposed field of graduate study should be sent directly to the Regional Chairman, Dean I. B. Cauthen, Jr., 412 Cabell Hall, University of Virginia, Charlottesville, Virginia, before October 31, 1962. For further information on procedure consult the local

Woodrow Wilson Representatives: Professors Richard L. Watson, Jr. (History), Patrick Vincent (Romance Languages), and Merle M. Bevington (English).

ART LOAN COLLECTION

The Duke University Art Loan Collection is now available for rental in Room 103 Asbury Building, Monday through Friday from 9:00 a.m. through 5:00 p.m. The collection contains reproductions of contemporary art and also some originals. It is open to former members of the Duke Arts Council, faculty, staff and students. The pictures are rented per semester. Rental fee \$3.00, to be paid in advance.

STUDENT LOAN REPRODUCTIONS

Starting Monday, September 24th, and continuing through Friday, September 28th, between the hours of 9:00 a.m. and 5:00 p.m. Student Loan Pictures will be available, free of charge, through the Department of Art, in Room 103 Asbury Building. The pictures are framed for hanging and are reproductions of oilpaintings, watercolors and etchings.

DANFORTH FOUNDATION ANNOUNCEMENT

The Danforth Foundation has announced a limited number of teacher grants to be offered in 1963. The following qualification for nomination are listed in the announcement:

AGE:	From 25 to 40 years, with the date of the 41st birthday not earlier than November 5, 1962.
TRAINING:	At least one year of successful graduate study.
EXPERIENCE:	At least two years of successful teaching experience in a senior accredited college, not including 1962-63. At the time of applying he must have "faculty status" and a minimum of half-time classroom teaching within his total load. (Graduate assistantships are not counted in teaching experience.)

Interested members of the staff should come to Room 216, Allen Building, and examine the Foundation's folders concerning the grants. The deadline for receipt of nominations in the Foundation office is **October 12.**

WEEKLY CALENDAR NOTICE

It is imperative that all notices for publication in the WEEKLY CALENDAR be in the Calendar Office, 202-A Flowers Building, in type-written form by 1:00 p.m. on Wednesdays.

The 1962-63 FALL SEMESTER CALENDAR will be in the mail by October 4th. Copies may also be secured from the Information Desk.

WEEK OF
Oct. 7-13, 1962

CALENDAR

WEEK OF
Oct. 7-13, 1962

OF

DUKE UNIVERSITY



Events of the Week

Sunday, Oct. 7

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Haud, Student Carillonneur

11:00 a.m. University Service of Worship. University Chapel. The Holy Communion. Communion Meditation: The Reverend Professor James T. Cleland, Dean of the Chapel. Celebrant: The Reverend Howard C. Wilkinson, Chaplain to the University. Broadcast over Radio Station WDNC and WDNC-FM.

Monday, Oct. 8

3:15 p.m. International Law Society Meeting. Courtroom of the new Law School Building.

4:15 p.m. Zoology Seminar. Auditorium of the Biological Sciences Building. Speaker: Dr. Samson R. Gross.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

5:30-6:30 p.m. Faculty Volleyball. Indoor Stadium.

Tuesday, Oct. 9

10:10 a.m. Divinity School Chapel. York Chapel. Professor Charles K. Robinson.

7:00 p.m. Student Union. Away Football Movies. Page Auditorium.

2:30 p.m. The final examination of Mr. Horace Darr Rawls for the Ph.D. degree in Sociology. Room 103 West Campus Library.

3:00-4:00 p.m. Campus Club Reception. University House, 2138 Myrtle Drive.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

Wednesday, Oct. 10

10:10 a.m. Divinity School Chapel. York Chapel. Professor Charles K. Robinson.

3:00 p.m. The final examination of Mr. David A. Parton for the Ph.D. degree in Psychology. Room 204 Bivins Building.

4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building (Auditorium). Speaker: Dr. R. N. Chopra.

4:30 p.m. Department of Psychology Colloquium. Room 209 Bivins Building. Speaker: Professor E. E. Jones.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "LA BELLE AMERICAINE" (French) with Robert Dhery and Colette Brosset. "Loaded with hi-octane hilarity . . . 100 minutes of almost continuous get-a-horse laughs!"—**Time Mag.** "Dhery demonstrates that he is one of the funniest men alive!"—**The New Yorker.**

Thursday, Oct. 11

10:10 a.m. Divinity School Chapel. York Chapel. Mr. Henry Gventer.

12:40-1:30 p.m. Electrical Engineering Graduate Seminar. Lecture Hall, Engineering Building. Speaker: Mr. W. C. Stewart.

4:00 p.m. Undergraduate Faculty Council Meeting. Room 208 Flowers Building.

4:15-6:00 p.m. Duke Marching Band practice. Coombs Field.

5:00-6:00 p.m. East campus pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

5:45 p.m. English Graduate Club Dinner. Men's Graduate Center. Speaker: Professor C. Richard Sanders.

7:00 p.m. Honors-Masters Meeting. Room 208 Flowers Building.

7:00 p.m. Slide Rule Lecture. Engineering Auditorium. Speaker: Mr. F. Thomas Wooten, III.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, Oct. 12

HOMECOMING

9:00 a.m. Registration for Homecoming. See Special Notice.

9:00 a.m. South Atlantic Philosophy of Education Society Annual Meeting. Rooms 106-107, Men's Graduate Center.

10:10 a.m. Divinity School Chapel. York Chapel. Professor Charles K. Robinson.

4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.

7:30 p.m. International Club Discussion Meeting on Socialism. Moderator, Dr. J. H. Proctor. Music Room, East Duke Building.

8:15 p.m. Homecoming Show. Indoor Stadium.

Saturday, Oct. 13

6:00 a.m. International Bike Club Outing. Assemble: Presbyterian Student Center, Alexander Avenue.

9:00 a.m. The final examination of Mr. Jefferson Campbell for the Ph.D. degree in Religion will be held in Room 103, Library Conference Room.

2:00 p.m. Varsity Football: Duke versus University of California. Stadium.

7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "LA BELLE AMERICAINE" (French) with Robert Dhery and Colette Brosset. "Loaded with hi-octane hilarity . . . 100 minutes of almost continuous get-a-horse laughs!"—**Time Mag.** "Dhery demonstrates that he is one of the funniest men alive!"—**The New Yorker.**

8:00-12:00 p.m. Student Union Homecoming Dance. Union Ballroom.

UNIVERSITY SERVICE OF WORSHIP

The University Service of Holy Communion will be held Sunday, October 7th, at 11:00 a.m. in the University Chapel as a part of the regular Service of Worship. The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the Communion Meditation, and the Reverend Howard C. Wilkinson, Chaplain to the University will be the celebrant.

INTERNATIONAL LAW SOCIETY MEETING

The Duke International Law Society will hold its first membership meeting on Monday, October 8th, at 3:15 p.m. in the Courtroom of the new Law School Building. Refreshments will be served. All members and prospective members are cordially invited.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Horace Darr Rawls for the Ph.D. degree in Sociology will be held on Tuesday, October 9th, at 2:30 p.m. in Room 103, West Campus Library. The subject of Mr. Rawls' dissertation is "Education and Social Participation: A Factorial Analysis." The committee to conduct the examination consists of Professors Joel Smith, John McKinney, Alan Kerekhoff, Donald Roy, and Henry Weitz. Professor Smith will preside.

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 9:00 P.M., Baptist Student Center, Open House. Wednesday, 6:00 P.M., Center, Worship. Friday, 6:00 P.M., Supper followed by seminars led by Dr. McCollough and Dr. White. The first in a luncheon series at the Center on "Religious Insights In Secular Thought," has been postponed from October 9 to October 23. The first topic is "Psychoanalytic Theory." Watch for further notice.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Episcopal Student Center, Holy Communion; 5:30 P.M., Evening Prayer; 6:00 P.M., Canterbury Club (Supper). The Chaplain will lead a discussion on "Non-Religious Religions in America." Wednesday, 7:10 A.M. and 5:30 P.M., Holy Communion. Dr. William Bush of the French Department will lead a seminar on "Orthodoxy" on Fridays at 3:00 P.M. The seminar will meet at the Episcopal Center, and all interested persons in the University are invited to attend.

HILLEL: Sunday, 12:30 P.M., Room 208 Flowers Bldg., Brunch, Open Meeting and socio-drama entitled "The Three Sons"; Sunday, October 7 at 8:00 P.M. and Monday, October 8, beginning at 9:30 A.M., High Holyday services for the Day of Atonement at Hillel House, 210 W. Cameron Ave., Chapel Hill.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room, East Duke Bldg., East Campus, Discussion of "The Vatican Council" with opening statement by Henry Hespeneheide. Wednesday, 7:15 A.M., Holy Communion, Memorial Chapel of Duke Chapel.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Methodist Center, Study Seminars; 6:00 P.M., Center, Worship, Dr. Thomas McCollough, Department of Religion, preacher. At the forum hour at 7:00 P.M., following the worship, there will be an opportunity to dialogue with Dr. McCollough concerning the subject of his sermon. Wednesday, 6:00 P.M., The Sacrament of the Lord's Supper. Any person desiring to participate in a study group at the Methodist Center is invited to do so. They are as follows: Freshman seminars, led by Jack Carroll and Allen Gilmore; "The Meaning of Discipleship," led by Maurice Ritchie; and "Religious Problems in Literature," led by Thornton Penfield, all of which meet at 9:30 A.M., Sunday morning. There are also two short (approximately six weeks) study groups on Christian Worship (2:00-3:00 P.M. on Tuesdays) and Christian Social Action (3:30-4:30 P.M. on Tuesdays). Contact the Methodist Center for further information. The Fall Retreat will be held October 20-21, at Camp New Hope. Retreat leader will be the Rev. Joseph Matthews, Director of the Ecumenical Institute, Evanston, Illinois. Cost is \$4.00. Call the Methodist Center (286-9230) or Miss Barbara Benedict (ext. 2909) to register.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 9:30 A.M., Westminster House, Presbyterian Sunday School; 5:00 P.M., Meet for rides

to Chapel Hill where we will be dinner guests of the U.N.C. Westminster Fellowship.

NEWMAN CLUB: Sunday, 7:00 P.M., Room 208 Flowers Building, Wadil Saleh will speak on "The East's Interpretation of the West." All those interested are cordially invited to attend.

UNITARIAN UNIVERSALIST FELLOWSHIP: Sunday, 7:30 P.M., East Campus Chapel, East Duke Building, Rev. Barney L. Jones will speak on "The Human Side of Jesus."

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, October 8th, in the Auditorium of the Biological Sciences Building at 4:15 p.m. Dr. Samson R. Gross of the Department of Microbiology, will speak on "Genetic Analysis of Protein Structure and Synthesis." Coffee and tea will be served in the foyer at 4:00 p.m. preceding the seminar.

CAMPUS CLUB RECEPTION

The Campus Club will hold a reception honoring newcomers to the University at University House, 2138 Myrtle Drive, on Tuesday, October 9th, from 3:00 to 4:30 p.m. Hostesses for the event will be wives of faculty members in the School of Engineering, with Mrs. Van Kenyon serving as chairman.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. David A. Parton for the Ph.D. degree in Psychology will be held on Wednesday, October 10th, at 3:00 p.m. in Room 204 Bivins Building. The subject of Mr. Parton's dissertation is "An Experimental Approach to the Conflict Model of Aggressive Response Strength." The committee to conduct the examination consists of Professors Lloyd J. Borstelmann, Gregory A. Kimble, Norman Guttman, Carl Eisdorfer, and Alan C. Kerkhoff. Professor Borstelmann will preside.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, October 10th, at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium), West Campus. Dr. R. N. Chopra will speak on "Some Reinvestigations in Plant Embryology." Dr. Chopra, a Ph.D. from Delhi University, India, is now working in the United States as a postdoctoral fellow, currently working with Dr. L. E. Anderson on the cyto-taxonomy of mosses. Refreshments will be served at 4:00 p.m. preceding the seminar.

DEPARTMENT OF PSYCHOLOGY COLLOQUIUM

The initial session of this year's Psychology Colloquium Series will be held on Wednesday, October 10th, at 4:30 p.m. in Room 209 Bivins Building. Professor E. E. Jones of the Department of Psychology will present a paper entitled "The Psychology of Ingratiation: Tactical Variations and Their Relative Effectiveness." Coffee will be served at 4:00 p.m. preceding the meeting.

ELECTRICAL ENGINEERING GRADUATE SEMINAR

The Electrical Engineering Graduate Seminar will be held on Thursday, October 11th, in the Lecture Hall of the Engineering Building from 12:40-1:30 p.m. Mr. W. C. Stewart of the Electrical Engineering Department will speak on "Superconducting Devices."

UNDERGRADUATE FACULTY COUNCIL

The Undergraduate Faculty Council will meet at 4:00 p.m. on Thursday, October 11th, in Room 208 Flowers Building.

ENGLISH GRADUATE CLUB DINNER

The English Graduate Club Dinner will be held Thursday, October 11th, in the Men's Graduate Center at 5:45 p.m. Speaking on the editing of the Carlyle Letters will be Professor C. Richard Sanders.

HONORS-MASTERS MEETING

The faculty committee for the Honors-Masters Program will hold an open meeting in Room 208 Flowers Building on Thursday, October 11th, at 7:00 p.m. Various matters concerning admission to graduate schools of arts and sciences and the possibilities of financial aid will be discussed by the committee, which consists of Professors Merle Bevington, English; John Fein, Spanish; Terry Johnson, Botany; Richard Leach, Political Science; Howard Strobel, Chemistry; and Robert Durden, History, Chairman. Professor Frank Bowman, English Department and Director of Admissions of Duke's Graduate School, will also be present. All interested, seniors especially, are invited to attend the meeting.

SLIDE RULE LECTURE

The second of the annual Slide Rule Lectures will be presented in the Engineering Auditorium on Thursday, October 11th, at 7:00 p.m. Speaking on multiplication and division using C & D scales will be Mr.

F. Thomas Wooten, III. Since sample problems and examples will be studied, it is desirable that those attending bring slide rules. Sponsored jointly by Tau Beta Pi and The Order of Saint Patrick, the lectures are open to the public.

ANNUAL MEETING SOUTH ATLANTIC PHILOSOPHY OF EDUCATION SOCIETY

The annual meeting of the South Atlantic Philosophy of Education Society will be held in Rooms 106-107, Men's Graduate Center, on Friday, October 12th, with the following program:

- 9:00 a.m.—Registration
 - 9:30-11:30 a.m.—Panel on "Contributions of the Foundations of Education to Education for the New Frontier."
 - 1:00 p.m.—Address: "Research in Progress under Auspices of the Office of Education." Dr. James Rogers.
 - 2:00-4:00 p.m.—Panel on "Changing Views in the Philosophies of Education."
 - 6:00 p.m.—Annual Dinner, Dr. Newton Edwards, speaker.
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1962 HOMECOMING SCHEDULE DUKE UNIVERSITY

Friday, October 12

- 9:00 A.M.-9:00 P.M.—Alumni Registration, Alumni Lounge, West Campus Union.
- 6:00-8:00 P.M.—Judging of Campus Displays, West Campus Dormitory Quadrangle. (It is suggested that visitors try to see the displays at this time.)
- 6:30-11:00 P.M.—Fraternity Open Houses.
- 8:15 P.M.—Homecoming Show and Pep Rally. Skits by Coeds, Music by the Duke Ambassadors, and Crowning of the Homecoming Queen. Indoor Stadium.

Saturday, October 13

- 9:00 A.M.-6:00 P.M.—Alumni Registration, Alumni Lounge, West Campus Union.
- 9:00 A.M.-2:00 P.M.—Sorority Poster Displays. Myrtle Drive.
- 9:00 A.M.—Engineering Alumni Registration, College of Engineering. Laboratories open for inspection.
- 9:00 A.M.-12:00 Noon—Forestry School Open House. Forestry School. Biological Sciences Building.
- 9:30 A.M.—Coffee Hour for Engineering alumni and their wives and guests. Library, College of Engineering.
- 10:00-11:30 A.M.—Coffee Hour for School of Nursing alumnae as guests of School of Nursing faculty. Hanes House.
- 10:00-11:00 A.M.—Coffee Hour for Woman's College alumnae as guests of Woman's College staff. East Duke Building.
- 10:30 A.M.—Engineering Alumni Business Session. Room 125, College of Engineering.
- 10:30-11:30 A.M.—Law School Open House. New Law School Building.
- 11:30 A.M.-1:00 P.M.—Alumni Barbecue. Indoor Stadium, West Campus.
- 2:00 P.M.—Varsity Football Game. Duke vs. California. Duke Stadium.
- 4:00-5:00 P.M.—Law School Open House. New Law School Building.
- 4:30 P.M.—Fraternity Open Houses.
- 8:00-12:00 P.M.—Student Union Homecoming Dance. Union Ballroom.

Sunday, October 14

- 11:00 A.M.—University Worship Service. Dr. Douglas V. Steere, Professor of Philosophy, Haverford College, Preacher.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Jefferson Campbell for the Ph.D. degree in Religion will be held on Saturday, October 27th, at 9:00 a.m. in Room 103, Library Conference Room. The subject of Mr. Campbell's dissertation is "Orestes Brownson's Doctrine of Communion." The committee to conduct the examination consists of Professors Stuart Henry, Waldo Beach, Ray Petry, Hans Hillerbrand, and Arlin Turner (Minor). Professor Henry will preside.

ADVANCE NOTICE GUEST ORGAN RECITAL

The first organ recital of the academic year will be presented by world famous Viennese organist, Anton Heiller, on Sunday, October 14th at 4:00 p.m. in the University Chapel. The public is cordially invited.

The program is as follows:

Passacaglia in D Minor	Johann Kaspar Kerll (1627-1693)
Ciaccona F Minor	John Pachelbel (1653-1704)
Choral-Prelude "Allein Gott in der Höh sei Ehr"	Johann Sebastian Bach (1685-1750)
Prelude (9/8) and Fugue in C Major Partita "Es is ein Schnitter, heisst der Tod" and "Dies irae"	Johann Nepomuk David (1895)
Improvisation on submitted themes	Anton Heiller (1923-)

ADVANCE NOTICE TRIANGLE SYMPHONY ORCHESTRA CONCERT

The Triangle Symphony Orchestra, under the direction of Paul Bryan of the Music Faculty, will present a concert in Woman's College Auditorium on Wednesday evening, October 17th, at 8:15 p.m.

Loren Withers, also of the Music Faculty, will be the featured piano soloist. The concert is open to the public without charge.

WOODROW WILSON FELLOWSHIPS

Competition for the one thousand first year graduate study awards offered by the Woodrow Wilson National Fellowship Foundation for 1963-64 is now under way. Any member of the faculty may nominate a senior undergraduate student as a candidate for a Fellowship if he or she believes that the candidate

gives promise of becoming a valuable member of the academic profession. The candidate's name, college address, and proposed field of graduate study should be sent directly to the Regional Chairman, Dean I. B. Cauthen, Jr., 412 Cabell Hall, University of Virginia, Charlottesville, Virginia, before October 31, 1962. For further information on procedure consult the local Woodrow Wilson Representatives: Professors Richard L. Watson, Jr. (History), Patrick Vincent (Romance Languages), and Merle M. Bevington (English).

INFLUENZA IMMUNIZATION SHOTS

The Personnel Office announces to the Department Heads that all members of each department are entitled to free flu shots on a voluntary basis as University employees. Immunization requires two shots taken two weeks apart. These shots will be given at the old Law School Building on October 8th, 10th, and 12th from 1:00 to 3:00 p.m. A second series will be given on October 22nd, 24th, and 26th from 1:00 to 3:00 p.m. Anyone with cold symptoms, or who is allergic to feathers, chickens, or eggs should **not** take the shots.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. A. S. M. Mohiuddin Ahmed for the Ph.D. degree in Economics was held on Wednesday, October 3rd, at 3:30 p.m. in Room 321 Library Tower. The subject of Mr. Mohiuddin Ahmed's dissertation is "The Population of Pakistan: Past and Present." The committee to conduct the examination consisted of Professors C. B. Hoover, Joseph J. Spengler, W. P. Yohe, F. T. de Vyver, and R. T. Braibanti. Professor Spengler presided.

ART LOAN COLLECTION

The Duke University Art Loan Collection is now available for rental in Room 103 Asbury Building, Monday through Friday from 9:00 a.m. through 5:00 p.m. The collection contains reproductions of contemporary art and also some originals. It is open to former members of the Duke Arts Council, faculty, staff and students. The pictures are rented per semester. Rental fee \$3.00, to be paid in advance.

STUDENT LOAN REPRODUCTIONS

Starting Monday, September 24th, and continuing through Friday, September 28th, between the hours of 9:00 a.m. and 5:00 p.m. Student Loan Pictures will be available, free of charge, through the Department of Art, in Room 103 Asbury Building. The pictures are framed for hanging and are reproductions of oilpaintings, watercolors and etchings.

DANFORTH FOUNDATION ANNOUNCEMENT

The Danforth Foundation has announced a limited number of teacher grants to be offered in 1963. The following qualification for nomination are listed in the announcement:

- AGE: From 25 to 40 years, with the date of the 41st birthday not earlier than November 5, 1962.
- TRAINING: At least one year of successful graduate study.
- EXPERIENCE: At least two years of successful teaching experience in a senior accredited college, not including 1962-63. At the time of applying he must have "faculty status" and a minimum of half-time classroom teaching within his total load. (Graduate assistantships are not counted in teaching experience.)"

Interested members of the staff should come to Room 216, Allen Building, and examine the Foundation's folders concerning the grants. The deadline for receipt of nominations in the Foundation office is October 12.

1962-63 CHAMBER MUSIC CONCERTS

The Chamber Arts Society gives advance notice of the following concerts for the 1962-63 season:

- Saturday, October 20—Juilliard Quartet
- Saturday, November 17—Ralph Kirkpatrick (Harpsichord)
- Saturday, December 1—Fine Arts Quartet
- Saturday, January 19—Hermann Prey (Baritone)—
"Liederabend"
- Saturday, February 9—Albeneri Trio
- Saturday, March 9—Duo di Roma (Piano-'Cello)

These concerts will be given in the Music Room, East Duke Building, at 8:15 p.m.

Membership in the Chamber Arts Society, admitting to all concerts, will cost \$12.00. Guest Card for any one concert will cost \$2.50; seventy Guest Cards are available before each concert. Letter with membership application form, schedule, and programs will be sent in September to all present members and to any others who are interested. Inquiries may be addressed to Ernest W. Nelson, Box 6065, College Station.

1962-63 ARTIST SERIES

The 1962-63 Duke University Artists Series announces the following concerts for the 1962-63 Season:

- THE LITTLE ORCHESTRA OF NEW YORK
with FRANK GLAZER, piano soloist
Thursday, November 1
- THE GOLDOVSKY GRAND OPERA THEATER
"La Traviata"
Thursday, November 29
- RUGGIERO RICCI, violinist
Friday, January 4
- THE MINNEAPOLIS SYMPHONY ORCHESTRA
STANISLAW SKROWACZEWSKI, conductor
Tuesday, February 12
(Indoor Stadium)
- SAN FRANCISCO BALLET
Monday, March 11

Season ticket reservations priced at \$8.00, \$9.00, and \$10.00 are available in Room 202-A Flowers Building, by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station, Durham, North Carolina.

Of special interest to our patrons are two added concerts. On Thursday, November 1st, at 4:00 p.m. in Page Auditorium, THE LITTLE ORCHESTRA OF NEW YORK will present a Children's Concert with an all-Prokofieff program. ELISABETH SCHWARZKOPF, soprano, will be presented in a special concert on Thursday, November 15th, at 8:15 p.m. in Page Auditorium. Last year's patrons may use their same tickets. Individual tickets are available at \$3.00, \$2.50, and \$2.00.

ART EXHIBIT

An exhibition of Sculpture and Painting by Ibram Lassaw and Robert Broderson may be seen in the Art Gallery of the Woman's College Library. Ibram Lassaw, sculptor, is the Visiting Benjamin N. Duke Professor of Art for the 1962-63 academic year and Robert Broderson, painter, is a permanent member of the art staff. The work will be on view until October 7th.

WEEKLY CALENDAR NOTICE

It is imperative that all notices for publication in the WEEKLY CALENDAR be in the Calendar Office, 202-A Flowers Building, in type-written form by 1:00 p.m. on Wednesdays.

The 1962-63 FALL SEMESTER CALENDAR will be in the mail by October 4th. Copies may also be secured from the Information Desk.

WEEK OF

Oct. 14-20, 1962

WEEK OF

Oct. 14-20, 1962

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, Oct. 14

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur

11:00 a.m. University Service of Worship, University Chapel. Preacher: Dr. Douglas V. Steere, Professor of Philosophy, Haverford College. Sermon: "The Man Who Came Back." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Guest Organ Recital: Anton Heiller, Viennese organist. University Chapel.

Monday, Oct. 15

Duke Counsellors Conference

3:30 p.m. The final examination of Mr. William O. Shropshire for the Ph.D. degree in Economics will be held in Room 106B Social Sciences Building.

4:00 p.m. American Institute of Electrical Engineers Technical Group on Research Meeting. Dreyfus Auditorium of the Research Triangle Institute.

4:15 p.m. Zoology Seminar. Auditorium, Biological Sciences Building. Speaker: Dr. Willis E. Pequegnat.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

Tuesday, Oct. 16

10:10 a.m. Divinity School Chapel. York Chapel. Professor Charles K. Robinson.

4:00 p.m. Department of Religion Lecture. Speaker: Dr. Joseph M. Kitagawa, Associate Professor of History of Religions at the University of Chicago. Room 208 Flowers Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

7:30 p.m. YWCA Fall Seminar Series. Speaker: Mr. S. J. Stewart. Green Room, East Duke Building.

8:15 p.m. Department of Religion Lecture. Speaker: Dr. Joseph M. Kitagawa. Room 208 Flowers Building.

Wednesday, Oct. 17

10:10 a.m. Divinity School Chapel. York Chapel. Professor Charles K. Robinson.

2:00 p.m. The final examination of Miss Elizabeth Norfleet King for the Ph.D. degree in Zoology. Room 225 Biological Sciences Building.

4:00 p.m. Department of Religion Lecture. Speaker: Dr. Joseph M. Kitagawa. Room 208 Flowers Building.

4:15 p.m. Botany Seminar. Speaker: Dr. William L. Culberson. Room 111 Biological Sciences Building (Auditorium).

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "Tunes of Glory" with Alec Guinness and John Mills. "One of the year's 10 best. A colorful and profound inspection of professional soldiering"—N. Y. Times. "A thoroughly superior entertainment."—Time Magazine. In Technicolor.
- 8:00 p.m. Student Union Major Attraction: The Limeliter. Indoor Stadium.
- 8:15 p.m. Triangle Little Symphony Concert. Woman's College Auditorium.
- 8:15 p.m. Department of Religion Lecture. Speaker: Dr. Joseph M. Kitagawa. Room 208 Flowers Building.

Thursday, Oct. 18

- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. Henry Gventer.
- 12:30 p.m. Plant Ecology Seminar. Speaker: Mr. Lionel Klikoff. Room 144 Biological Sciences Building.
- 3:00-5:00 p.m. Newcomers Club Tea and Business Meeting. 2324 Duke University Road.
- 4:00 p.m. Academie Council Meeting. Room 208 Flowers Building.
- 4:15-6:00 p.m. Duke Marching Band practice. Coombs Field.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:00 p.m. Slide Rule Lecture. Engineering Auditorium. Speaker: Dr. Charles M. Harman.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, Oct. 19

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor Charles K. Robinson.
- 2:00 p.m. American Institute of Electrical Engineers Fall Meeting. Lecture Room of the Engineering Building.
- 3:00 p.m. Political Science Graduate Seminar. Room 302, West Campus Library. Speaker: Dr. Allan P. Sindler.
- 3:00 p.m. Varsity Soccer: Duke versus Washington and Lee. Soccer Field.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.
- 8:15 p.m. Five Evenings with Iain Hamilton. Music Room, East Duke Building.

Saturday, Oct. 20

- 2:00 p.m. Varsity Football: Duke versus Clemson College. Clemson, South Carolina.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "TUNES OF GLORY" with Alec Guinness and John Mills. "One of the year's 10 best. A colorful & profound inspection of professional soldiering."—N. Y. Times. "A thoroughly superior entertainment."—Time Magazine.
- 8:15 p.m. Chamber Arts Society: Juilliard Quartet. Music Room, East Duke Building.

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 9:00 P.M., Baptist Student Center, Open House. Wednesday, 6:00 P.M., Center, Worship led by Mr. Glenn Stassen. Friday, 6:00 P.M., supper followed by seminars led by Dr. Tom McCollough, Dr. W. D. White. Tuesday, October 23, 12:30 P.M., Center, luncheon and speaker: Dr. McMurtry Richey, "Religious Insights in Secular Thought—Psychoanalytic Theory."

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., East Duke Chapel.

EPISCOPAL UNIVERSITY CENTER: Sunday, 9:30 A.M., Holy Communion; 5:30 P.M., Evening Prayer; Canterbury, Supper at 6:00 P.M., Dr. Holly of the History Department will speak on "The Idea of a University." Wednesday, 7:10 A.M. and 5:30 P.M., Holy Communion. Thursday (St. Luke's Day), Holy Communion at 7:10 A.M. and 5:30 P.M. Friday, Dr. Bush's Seminar on "Orthodoxy" will meet at the Episcopal University Center at 3:00 P.M. All interested persons are invited to attend.

LUTHERAN STUDENT ORGANIZATION: Sunday, 6:30 P.M., Green Room, East Duke Bldg., East Campus—Rev. Robert P. Hyatt, Associate Director of Religious Life will speak on "Highlights of The Noise of Solemn Assemblies" (LSA study book last year).

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Methodist Center, Study Seminars; 6:00 P.M., Evening Worship, Anwar Barkat, Preacher. Wednesday, 6:00 P.M., Holy Communion. The Seminar on "Religious Problems in Literature," led by Thornton Penfield, has been changed to meet at 3:30 P.M., Monday afternoons at the Methodist Center. The group is studying in depth the writings of Albert Camus. Membership is still open in the seminar, and new members are invited to be present on Monday.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 9:30 A.M., Westminster House, Presbyterian Sunday School; 5:30 P.M., Westminster House, Westminster Vespers; Supper; Speaker Mr. Reynolds Price. October 18, Thursday, 7:00 P.M. at Westminster House, Holy Communion—Communion Breakfast afterwards.

UNITED STUDENT FELLOWSHIP: (Open to all Congregational, Congregational-Christian Evangelical and Reformed, United Church of Christ, and Disciples of Christ students)—**Sunday, 6:45 P.M., Room 207-A Flowers Building, "A Report on the Ninth Assembly of the International Congregational Council in Rotterdam, Holland,"** as seen through the eyes of a United States Youth Delegate. The hopes, desires, interests, and joys of European youth will be discussed. Rides will leave the bus stop on East Campus at 6:30 P.M., circling by Hanes House on the way to West Campus.

UNIVERSITY SERVICE OF WORSHIP

Doctor Douglas V. Steere, Professor of Philosophy, Haverford College, will deliver the sermon at the University Service of Worship on Sunday, October 11th, at 11:00 a.m. in the University Chapel. His subject will be "The Man Who Came Back." The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister.
Opening Organ Voluntary—Kleine Praludien und Intermezzi
Schroeder
Call to Worship—"Sanctus" from Mass II *Hassler*
Hymn—"Holy, Holy, Holy!" (1) *John B. Dykes*
Prayer of Confession
Words of Assurance
The Lord's Prayer
Anthem—"Let Thy Holy Presence" *Tschesnokoff*
Scripture Lesson—Luke 17:11-19
Hymn—"For the Beauty of the Earth" *Conrad Kocher*
Call to Prayer
The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication
The Offering
Offertory Organ Interlude
Anthem—"Ye Nations, Offer to the Lord"
from Hymn of Praise *Mendelssohn*
Response—The Doxology
Prayer of Dedication
Sermon—"The Man Who Came Back"
Prayer
Benediction
Choral Response—"Sevenfold Amen" *Stainer*
The Chimes
Closing Organ Voluntary—Chorale in A Minor *Frank*

GUEST ORGAN RECITAL

The first organ recital of the academic year will be presented by world famous Viennese organist, Anton Heiller, on Sunday, October 14th at 4:00 p.m. in the University Chapel. The public is cordially invited.

The program is as follows:

Passacaglia in D Minor *Johann Kaspar Kerll*
(1627-1693)
Ciacona F Minor *Johann Pachelbel*
(1653-1704)
Choral-Prelude "Allein Gott in der Höh sei Ehr"
Johann Sebastian Bach
(1685-1750)
Prelude (9/6) and Fugue in C Major *Johann Sebastian Bach*

Partita "Es is ein Schnitter, heisst der Tod" and
"Dies irae" *Johann Nepomuk David*
(1895-)
Improvisation on submitted themes *Anton Heiller*
(1923-)

SECONDARY SCHOOL COUNSELLORS CONFERENCE

Fifty-six secondary school officials will be guests of Duke University for a three-day conference beginning on Monday, October 15th, and continuing through Wednesday, October 17th. The purpose of the Conference is to acquaint this group with general matters concerning counseling for college and to inform them specifically about the educational program at Duke. The visiting counsellors represent areas from the entire United States.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. William O. Shropshire for the Ph.D. degree in Economics will be held on Monday, October 15th, at 3:30 p.m. in Room 106B, Social Science Building. The subject of Mr. Shropshire's dissertation is "Interest Rate Changes and Capital Outlay Decisions of North Carolina Municipalities, 1955-1958." The committee to conduct the examination consists of Professors W. P. Yohe, C. B. Hoover, F. A. Hanna, R. S. Smith, and J. H. Hallowell. Professor Yohe will preside.

AIEE MEETING

The American Institute of Electrical Engineers Technical Group on Research will meet on Monday, October 15th, at 4:00 p.m. in the Dreyfus Auditorium of the Research Triangle Institute. The program topic, "Single Crystal Thin Films of Cadmium Sulphide," will be covered by Louis Pensak, Research Physicist and David Sarnoff, Research Laboratory (RCA), Princeton, New Jersey.

The Technical Group on Research of the A.I.E.E.'s Eastern Sub-Section meets to discuss research problems of interest to the scientists and engineers of the Research Triangle Area. There are no dues or limitations on attendance and interested persons are invited to attend.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, October 15th, in the auditorium of the Biological Sciences Building at 4:15 p.m. Dr. Willis E. Pequegnat of the National Science Foundation will speak on "Aspects of Submarine Biology on the California Coast." Coffee and tea will be served in the foyer at 4:00 p.m. preceding the seminar.

RELIGION DEPARTMENT LECTURE

Dr. Joseph M. Kitagawa, Associate Professor of History of Religions at the University of Chicago, will give four lectures on "Religion in Japanese History" on October 16th and 17th at 4:00 p.m. and 8:15 p.m. in Room 208, Flowers Building. The lecture series is sponsored by the Department of Religion. Members of the University community are cordially invited to attend.

YWCA FALL SEMINAR SERIES

The second seminar in the YWCA Fall Seminar Series on **The Young Negro—A Venture in Understanding** will be held Tuesday evening, October 16th, at 7:30 p.m. in the East Duke Green Room. Mr. S. J. Stewart, member of the Durham City Council, will speak on, "Economic and Political Aspects of American Negro Life."

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Miss Elizabeth Norfleet King for the Ph.D. degree in Zoology will be held on Wednesday, October 17th, at 2:00 p.m. in Room 225, Biological Sciences Building. The subject of Miss King's dissertation is "The Effects of Osmotic Changes on Respiration in Four Decapod Crustacea: A Comparison of Intact Animals, Excised Tissue and Isolated Mitochondria." The committee to conduct the examination consists of Professors Karl M. Wilbur, Joseph R. Bailey, F. John Vernberg, K. Schmidt-Nielsen, and Henry Kamin. Professor Wilbur will preside.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, October 17th, at 4:15 p.m. in Room 111, Biological Sciences Building (Auditorium), West Campus. Dr. William L. Culbertson will speak on "Botany in Japan." Refreshments will be served at 4:00 p.m. preceding the seminar.

STUDENT UNION PRESENTS "THE LIMELITERS"

The first of the performances to be presented this year by the Student Union's Major Attractions Committee will be a concert by "The Limelitters" in the Indoor Stadium on Wednesday, October 17th at 8:00 p.m. Tickets, priced at \$1.50 general admission are on sale at the West Campus Quadrangle bus stop from 9:00 a.m. until 3:00 p.m. daily, at Kemp's in Chapel Hill, at Stevenson's in Raleigh, and at the door the night of the performance.

"The Limelitters," known as the "singing Mort

Sahls" present unhackneyed folk music in fresh modern arrangements. In an age of standardization this trio presents a refreshingly different blend of vocal and instrumental folk music combined with a rare breed of hilarity that they described as "institutional satire."

Time Magazine describes them: "if the button-down, scrubbed-looking, youthful Kingston Trio are the undergraduates of big-time U. S. folksinging, the Limelitters are the faculty and the chairman of the department is thirty-seven-year old Lon Gottlieb"—a Ph.D. musicologist who joins with Alex Hassilev, combination banjo-playing baritone, actor and accomplished linguist and Glenn Yarborough, classic guitarist and lyric tenor to combine the group.

TRIANGLE LITTLE SYMPHONY CONCERT

The Mary Duke Biddle Foundation and the Department of Music present The Triangle Little Symphony in concert with Paul Bryan, of the Music Faculty, conducting. Soloist for this performance will be Loren Withers, also of the Music Faculty. The performance will be in the Woman's College Auditorium on Wednesday evening, October 17th at 8:15. The public is cordially invited; there is no admission charge. The program, devoted to works of Mozart and Haydn, is as follows:

Overture in D Major (Hoboken)	<i>Joseph Haydn</i>
Symphony No. 80 in D Minor	<i>Joseph Haydn</i>
Allegro spiritoso	
Adagio	
Minuetto	
Finale (Presto)	
Piano Concerto No. 17 in G Major, K. 453	<i>W. A. Mozart</i>
Allegro	
Andante	
Allegretto	

Loren Withers, Soloist

PLANT ECOLOGY SEMINAR

Continuing a weekly series of informal lunchtime discussions of Ecology and National History, students of plant Ecology will meet on Thursday, October 18th, at 12:30 p.m. in Room 144, Biological Sciences Building. Mr. Lionel Klikoff, Ph.D. candidate and James B. Duke Fellow in Botany, will introduce discussion of the question, "Is Ecology Failing as a Unifying Science?" The speaker is currently engaged in alpine ecological study of the Yosemite Sierra. Interested members of the University Community are invited to bring their lunch and to participate.

NEWCOMERS CLUB

The Newcomers Club will meet on Thursday, October 18th, at the home of President and Mrs. Deryl Hart, 2324 Duke University Road for a tea and a business meeting. Members are invited for the hours of 3:00-5:00 p.m. with Dr. and Mrs. Hart as the host and hostess.

ACADEMIC COUNCIL MEETING

The first meeting of the newly elected Academic Council will be held on Thursday, October 18th in Room 208, Flowers Building at 4:00 p.m. All elected members are urged to attend.

SLIDE RULE LECTURE

The third of the annual Slide Rule Lectures will be presented in the Engineering Auditorium on Thursday, October 18th, at 7:00 p.m. Speaking on combined operations, using C, D, CI, DI, CF, DF, A, and B scales will be Dr. Charles M. Harman. Since sample problems and examples will be studied, it is desirable that those attending bring slide rules. Sponsored jointly by Tau Beta Pi and The Order of Saint Patrick, the lectures are open to the public.

AIEE FALL MEETING

The Fall Meeting of the North Carolina Section of the American Institute of Electrical Engineers will be held Friday, October 19th, at 2:00 p.m. in the Lecture Room of the Engineering Building. The program is as follows:

- a) Paper by Duke University Senior electrical engineering student, Frank Starmer, "Frequency Response in an Arterial System."
- b) "Energy Conversion in Satellite Electrical Systems" will be presented by Dr. T. G. Wilson, Associate Professor of Electrical Engineering.
- c) "Telstar System" is to be presented by Mr. Hugh P. Kelly, Head, Ground Station Design Department of Bell Telephone Laboratory.
- d) "Telstar Launch Operations and Results" by Mr. Walter A. Klute, Bell Telephone Company.

Interested members of the University Community are cordially invited to attend.

POLITICAL SCIENCE GRADUATE SEMINAR

Dr. Allan P. Sindler will speak at the regular meeting of the Political Science Graduate Seminar on Friday, October 19th, at 3:00 p.m. in Room 302 West Campus Library. Dr. Sindler's topic will be "The Contemporary South and Problems of Party Politics."

FIVE EVENINGS WITH IAIN HAMILTON

Composer Iain Hamilton, Mary Duke Biddle Professor of Music, will present five evening meetings on contemporary music. Actual performances will serve as the basis for Mr. Hamilton's comment and informal discussion will be encouraged. The evenings are:
October 19th (Friday)

Informal presentation of Iain Hamilton's work since 1950. To be illustrated by selected recorded examples.

November 10 (Saturday)

A Stravinsky program. Mr. Hamilton will comment on works presented by members of the Department of Music and guest soprano Ethel Casey of Raleigh, North Carolina in a program arranged by Ruth Friedberg.

February 22 (Friday)

A Hamilton program presented by faculty members of the Department of Music and featuring the premier performance of *Sextet* for flute, two clarinets, violin, 'cello and piano commissioned by the Mary Duke Biddle Foundation for the performing resources of the Duke Music Faculty.

March 5 (Tuesday)

A recital of contemporary music by Edgar Fischer, violin-cellist of the Juilliard School and Paul Jacobs, pianist of New York City and official pianist of the New York Philharmonic. Both artists were Fromm Fellowship players at Tanglewood, the Berkshire Music Center last summer. The program will include works by Schoenberg, Stockhausen, Hamilton, and Debussy.

April 15 (Monday)

Seminar and Discussion, "The Contemporary Arts—Common Denominators."

All meetings of this series will be held in the Music Room, East Duke Building at 8:15 p.m. The campus community and the public are cordially invited to attend.

CHAMBER ARTS SOCIETY JUILLIARD SPRING QUARTET

The Chamber Arts Society announces the first concert of its season, to be played by the JUILLIARD STRING QUARTET, Saturday, October 20th, in the Music Room, East Duke Building at 8:15 p.m. The musicians are Robert Mann and Isidore Cohen (Violins), Raphael Hillyer (Viola), and Claus Adam (Cello). The program follows:

Mozart..... Quartet in A Major, K. 464
Bartok..... Third Quartet (1927)
Beethoven..... Quartet in A Minor, Opus 132

Other chamber music concerts scheduled this season include:

Saturday November 17 RALPH KIRKPATRICK (Harpsichord)
Saturday December 1 FINE ARTS QUARTET
Saturday January 19 HERMANN PREY (Baritone)
Saturday February 9 ALBENERI TRIO
Saturday March 9 DUO DI ROMA (Piano-Cello)

MEMBERSHIP AND ADMISSION:

Membership Card admitting to the six concerts costs \$12.00. The membership card is transferable. Membership enrollment is limited to 330 persons. Cards will be issued in order of application. Program information will be sent to any interested persons on request.

Guest Card for single admission to any one concert will cost \$2.50. (About seventy guest cards will be available for each concert; they may be obtained at the door from 7:30 to 8:00 p.m.)

The Chamber Arts Society is a non-profit organization: membership is open to all persons. For membership enrollment, send check and address to Chamber Arts Society c/o Ernest W. Nelson, Box 6065 College Station, Durham, North Carolina.

WOODROW WILSON FELLOWSHIPS

Competition for the one thousand first year graduate study awards offered by the Woodrow Wilson National Fellowship Foundation for 1963-64 is now under way. Any member of the faculty may nominate a senior undergraduate student as a candidate for a Fellowship if he or she believes that the candidate gives promise of becoming a valuable member of the academic profession. The candidate's name, college address, and proposed field of graduate study should be sent directly to the Regional Chairman, Dean I. B. Cauthen, Jr., 412 Cabell Hall, University of Virginia, Charlottesville, Virginia, before October 31, 1962. For further information on procedure consult the local Woodrow Wilson Representatives: Professors Richard L. Watson, Jr. (History), Patrick Vincent (Romance Languages), and Merle M. Bevington (English).

INFLUENZA IMMUNIZATION SHOTS

The Personnel Office announces to the Department Heads that all members of each department are entitled to free flu shots on a voluntary basis as University employees. Immunization requires two shots taken two weeks apart. These shots will be given at the old Law School Building on October 8th, 10th, and 12th from 1:00 to 3:00 p.m. A second series will be given on October 22nd, 24th, and 26th from 1:00 to 3:00 p.m. Anyone with cold symptoms, or who is allergic to feathers, chickens, or eggs should not take the shots.

CAMPUS TOURS

The YMCA Campus Co-operative Committee announces the schedule for the regularly scheduled Chapel Tours as being 2:00-4:00 p.m. Monday through Friday. Extensive Tours of the Chapel and the Central Campus may be arranged by writing to Bill Allsbrook, Box 9079, Duke Station.

MUSIC NOW

The Department of Music is pleased to announce that WUNC-TV (Chapel Hill, Channel 4) is planning a rerun of **Music Now**, a series of ten programs dealing with the most important influences and trends in twentieth century music.

Host for the series is Iain Hamilton, British composer and Mary Duke Biddle Professor of Music at

Duke University. Included in the series are interviews with composers Vincent Persichetti and Vittorio Giannini who were visiting Mary Duke Biddle Lecturers last year at Duke. The series was produced by WUNC-TV in cooperation with the Duke University Department of Music. Performers of the musical illustrations are primarily faculty members of the Duke University Department of Music. The North Carolina String Quartet and Ethel Casey, Soprano from Raleigh, North Carolina, were also presented.

The opening programs are:

October 12: "Background to 20th Century Music"

October 19: "Schonberg"

October 26: "Stravinsky"

November 2: "Vittorio Giannini"

November 9: "Bartok"

November 16: "Vincent Persichetti"

All programs may be seen on successive Friday evenings at 9:30 p.m. or on Sunday evenings at 7:30 p.m. The program on October 19 will begin at 9:45 p.m.

1962-63 ARTIST SERIES

The 1962-63 Duke University Artists Series announces the following concerts for the 1962-63 Season:

THE LITTLE ORCHESTRA OF NEW YORK

with FRANK GLAZER, piano soloist

Thursday, November 1

THE GOLDOVSKY GRAND OPERA THEATER

"La Traviata"

Thursday, November 29

RUGGIERO RICCI, violinist

Friday, January 4

THE MINNEAPOLIS SYMPHONY ORCHESTRA

STANISLAW SKROWACZEWSKI, conductor

Tuesday, February 12

(Indoor Stadium)

SAN FRANCISCO BALLET

Monday, March 11

Season ticket reservations priced at \$8.00, \$9.00, and \$10.00 are available in Room 202-A Flowers Building, by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station, Durham, North Carolina.

Of special interest to our patrons are two added concerts. On Thursday, November 1st, at 4:00 p.m. in Page Auditorium, THE LITTLE ORCHESTRA OF NEW YORK will present a Children's Concert with an all-Prokofieff program. ELISABETH SCHWARZKOPF, soprano, will be presented in a special concert on Thursday, November 15th, at 8:15 p.m. in Page Auditorium. Last year's patrons may use their same tickets. Individual tickets are available at \$3.00, \$2.50, and \$2.00.

WEEK OF

Oct. 21-27, 1962

WEEK OF

Oct. 21-27, 1962

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, Oct. 21

Denominational Meetings. See special notice.

9:00 a.m. International Club Outing. Hanging Rock Park.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur

11:00 a.m. University Service of Worship, University Chapel. Preacher: The Reverend Dr. W. Arthur Kale, Professor of Christian Education, The Divinity School. Sermon: "Wretched Are the Peacemakers." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Duke University Concert Band Fall Lawn Concert. Paul Bryan, conducting. Sarah P. Duke Gardens.

Monday, Oct. 22

4:15 p.m. Zoology Seminar. Speaker: Dr. Francis Harper. Auditorium of the Biological Sciences Building.

4:30 p.m. Fallout Preparedness Committee Meeting. Trustee Board Room, Allen Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

5:30-6:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30 p.m. Durham YWCA Entertains Internationals at Coffee-Dessert. YWCA, 515 W. Chapel Hill Street.

8:15 p.m. Student Union Orientation Meeting. Union Ballroom.

Tuesday, Oct. 23

10:10 a.m. Divinity School Chapel. York Chapel. Professor W. F. Stinespring.

12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Away Football Movies. Page Auditorium.

8:15 p.m. Music Faculty Series. Music Room, East Duke Building.

8:15 p.m. YWCA Fall Seminar Series. Speaker: Reverend James Lawson. Room 204 East Duke Building.

Wednesday, Oct. 24

10:10 a.m. Divinity School Chapel. York Chapel. Professor W. F. Stinespring.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

- 4:00 p.m. Phi Beta Kappa Elections. Room 211 Divinity School.
- 4:15 p.m. Botany Seminar. Speaker: Dr. W. Gordon Whaley. Room 111 Biological Sciences Building (Auditorium).
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "TUNES OF GLORY" with Alec Guinness and John Mills. "One of the year's 10 best. A colorful & profound inspection of professional soldiering."—*N. Y. Times*. "A thoroughly superior entertainment."—*Time Magazine*.
- 7:30-10:00 p.m. Student Union Bridge Club. Green Room, East Duke Building.
- 8:00 p.m. First Faculty Club Meeting. Speaker: Dr. Eleanor Dulles. Music Room, East Duke Building.

Thursday, Oct. 25

- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. Parks Todd.
- 11:30 a.m. Civil Engineering Seminar. Speaker: Dr. David W. Hill. Room 120 Engineering Building.
- 12:30 p.m. Plant Ecology Seminar. Speaker: Assistant Professor Robert Ornduff. Room 114 Biological Sciences Building.
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00 p.m. Joint Duke-UNC Philosophy Colloquia. Speaker: Professor Jaakko Hintikka, Philosophy Seminar Room, 211-A West Duke Building.
- 4:15-6:00 p.m. Duke Marching Band practice. Coombs Field.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:00 p.m. Slide Rule Lecture. Speaker: Mr. Philip C. Smith. Engineering Auditorium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Student Union Major Speakers Series: Charles Vetter, U.S.I.A. Woman's College Auditorium.

Friday, Oct. 26

- 10:10 a.m. Divinity School Chapel. York Chapel. Liturgical Service.
- Varsity Cross Country Duke versus Clemson College.

- 4:00 p.m. Economics Seminar. Speaker: Professor Gregory Grossman. Room 114 Social Science Building.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.
- 8:00 p.m. Joint Duke-UNC Philosophy Colloquia. Speaker: Professor Jaakko Hintikka. Morehead Planetarium, Chapel Hill, North Carolina.
- 8:15 p.m. Duke Players Performance: "KING RICHARD II," Page Auditorium.
- 9:00 p.m.-1:00 a.m. Shoe 'n' Slipper Dance. Indoor Stadium.

Saturday, Oct. 27

- 10:30 a.m. Final Examination of Mr. Clarence N. Stone for the Ph.D. degree in Political Science. Room 306 Library.
- 2:00 p.m. Varsity Football: Duke versus North Carolina State College. Stadium.
- 4:00-6:00 p.m. Student Union Open House. Union Ballroom.
- 8:15 p.m. Duke Player Performance: "KING RICHARD II." Page Auditorium.
- NOTE:** No showing of Quadrangle Pictures on this day.

FALL LAWN CONCERT

The Duke University Concert Band under the direction of Paul Bryan of the Department of Music Faculty will present its fall lawn concert on Sunday afternoon, October 21st, at 4:00 p.m. in the Sarah P. Duke Gardens. Special feature of the concert will be student soloists, Claudia Bray and Michael Best, in selections from **Porgy and Bess**. There is no admission charge and the public is cordially invited to attend. The program is as follows:

- | | |
|---|------------------|
| March "On the Esplanade" | Brown |
| Prelude and Fugue in G Minor | J. S. Bach |
| Dances from <i>Capriol Suite</i> | Peter Warlock |
| L'Arlesienne Suite No. 2 | Bizet |
| Andante Sostenuto | |
| Intermezzo | |
| Selections from <i>Porgy and Bess</i> | Gershwin |
| Soloists: Claudia Bray | |
| Michael Best | |
| Einzugs Marsch | Strauss |
| Star Spangled Spectacular (Melodies of George M. Cohan) | |
| | arr. Alfred Reed |
| March "Nobles of the Mystic Shrine" | Sousa |

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. W. Arthur Kale, Professor of Christian Education, The Divinity School, will deliver the sermon at the University Service of Worship on Sunday, October 21st, at 11:00 a.m. in the University Chapel. His subject will be "Wretched Are the Peacemakers." The order of service follows:

The Reverend Dr. McMurry S. Richey, Associate Professor of Theology and Christian Nurture, The Divinity School, Presiding Minister.

Opening Organ Voluntary—Prelude in C Minor *Bach*
Chorale-Prelude *Bach*

"I Call to Thee, Lord Jesus Christ" *Bach*

Call to Worship—"Sanctus" from Mass II *Hassler*

Hymn—"God the Omnipotent!" *Alexis F. Lvov*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Lord, to Thee We Turn" *Orlando di Lasso*

Scripture Lesson—Isaiah 2:2-5

Hymn—"These Things Shall Be" *From T. Williams'*
Psalmodia Evangelica

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession,
Petition and Dedication.

The Offering

Offertory Organ Interlude

Anthem—"Alleluia" *Randall Thompson*

Response—The Doxology

Prayer of Dedication

Sermon—"Wretched Are the Peacemakers"

Prayer

Benediction

Choral Response—"Sevenfold Amen" *Stainer*

The Chimes

Closing Organ Voluntary—Fugue in C Minor *Bach*

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 9:00 P.M., Baptist Student Center, Open House. **Tuesday**, 12:30 P.M., Center, Luncheon-discussion—First in a series on Religious Insights in Secular Thought—Psycho-analytic Theory; speaker, Dr. McMurry Richey. **Wednesday**, 6:00 P.M., Worship led by Rev. Bill Baker. **Friday**, 6:00 P.M., Snpper study groups—supper followed by seminars led by Dr. Thomas McCollough and Dr. W. D. White. **Saturday**, 5:30 P.M., After-the-game supper at Center with N. C. State College Baptist Student Union as guests, cost \$.75.

CHRISTIAN SCIENCE ORGANIZATION: **Tuesday**, 6:45 P.M., East Duke Chapel.

EPISCOPAL UNIVERSITY CENTER: **Sunday**, 9:30 A.M., Episeopal University Center, Holy Communion; 5:30 P.M., Evening Prayer. (Annual visit of the Episcopal Bishop of North Carolina) **Canterbury**, 6:00 P.M., Supper. Dr. John Hallowell, Professor of Political Science, will speak on "Christian

Perspectives Within the University." **Wednesday**, 7:10 A.M. and 5:30 P.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: **Sunday**, 10:30 A.M.-4:00 P.M., Umstead State Park, LSA's of Duke, UNC, WCUNC, N. C. State in a joint retreat. We leave Duke at 10:00 A.M. **Wednesday**, 7:15 A.M., East Duke Chapel, Holy Communion, with group breakfast following.

METHODIST STUDENT FELLOWSHIP: **Sunday**, 6:00 P.M., Methodist Student Center, Worship led by Jackson W. Carroll. **Wednesday**, 6:00 P.M., Sacrament of the Lord's Supper; The Rev. James Lawson will preach at the service. This service will be followed by a discussion period with Mr. Lawson. There will be no meetings of seminar groups on Sunday morning, October 21. They will resume meeting next week. The seminar on "Religious Problems in Literature," led by Thornton Penfield, has been changed to meet at 3:30 P.M., Monday afternoons at the Methodist Center. The group is studying in depth the writings of Albert Camus. Membership is still open in the seminar, and new members are invited to be present on Monday.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Westminster Fellowship Synod of North Carolina Fall Conference, October 20-21, Camp Monroe, St. Andrews College (no meetings at Westminster House Snnday, October 21).

NEWMAN CLUB: **Sunday**, 2:30 p.m. Pienic, private estate near Durham, rides will be available at the KA section arch and East Campus bns stop.

INTERNATIONAL CLUB OUTING

The Duke University International Club will have its fall outing on Sunday, October 21st at Hanging Rock. Rides will meet at East Campus Circle at 9:00 a.m. for the event which will last all day. Those going are requested to take their own lunches. Everyone is welcome.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, October 22nd, in the Auditorium of the Biological Sciences Bnilding at 4:15 p.m. Dr. Francis Harper of Chapel Hill, North Carolina, will speak on "Some Early Naturalists of the Southeastern United States." Coffee and tea will be served in the foyer at 4:00 p.m. preceding the seminar.

DURHAM YWCA ENTERTAINS INTERNATIONALS

The Durham YWCA, 515 W. Chapel Hill Street, extends a cordial invitation to the international faculty and students and their families to attend an informal coffee-dessert at the YWCA Monday evening, October 22nd at 7:30 p.m. in observance of United Nations Week. Please telephone the YWCA, 681-2041 for further information.

MUSIC FACULTY SERIES

The Department of Music will present the first program in its faculty series on Tuesday, October 23rd at 8:15 p.m. in the Music Room, East Duke Building, when a recital will be presented by Julia Mueller, violinist, and Ruth Friedberg, pianist. The public is cordially invited to attend and the program will be as follows:

Sonata 4, 1914 *Charles Ives*

"Children's Day at the (Revival) Camp Meeting"

I. Allegro ("Work for the Night Is Coming")

II. Largo, Allegro con lugarecchio, Largo
("Yes, Jesus Loves Me")

III. Allegro ("Gather at the River")

Four Pieces, Opus 7, 1910 *Anton Webern*

I. Sehr langsam

II. Rasch

III. Sehr langsam

IV. Bewegt

Sonata 17 in A Major, K. 526, 1787 *W. A. Mozart*

I. Molto allegro

II. Andante

III. Presto

Intermission

Sonata for Solo Violin, Opus 10, 1956 *Vincent Persichetti*

I. Allegro

II. Andante

III. Vivo

IV. Lento, Vivace

Sonata, 1917 *Claude Debussy*

I. Allegro vivo

II. Intermezzo, Fantaisie et léger

III. Finale, très animé

YWCA FALL SEMINAR SERIES

The third meeting of the YWCA Fall Seminar Series on **The Young Negro—A Venture in Understanding** will be held Tuesday, October 23rd, at 8:15 p.m. in Room 204 East Duke Building. The speaker will be the Reverend James Lawson who will speak on, "The Young Negro—A Contemporary Portrait."

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, October 24th, at 4:15 p.m., in Room 111 Biological Sciences Building (Auditorium), West Campus. Dr. W. Gordon Whaley will speak on "The Dynamics of Cellular Organization." Dr. Whaley is Dean of the Graduate School and Director of the Plant Research Institute at the University of Texas. For some years Dr. Whaley has studied the ultra structure of plant cells and he is one of the leaders in the use of the electron microscope in this type of research. All interested persons are cordially invited to attend. Refreshments will be served at 4:00 p.m. preceding the seminar.

PHI BETA KAPPA FALL ELECTIONS

The fall meeting of the Duke Chapter of Phi Beta Kappa will be held on Wednesday, October 24th, at 4:00 p.m. in Room 211 Divinity School. Undergraduate elections will be the main business of this meeting. All staff and faculty members of the Society are eligible to vote. Those not already on the roll should notify the Secretary, Professor W. F. Stinespring, 105 Divinity School.

FIRST FACULTY CLUB MEETING

The Faculty Club will hold its first meeting of the academic year on Wednesday evening, October 24th, in the Music Room of East Duke Building at 8:00 p.m. A cordial invitation is extended to all members of the faculty and staff to attend this open meeting and to affiliate with the club.

The guest speaker will be Dr. Eleanor Dulles, Visiting Lecturer in the Department of Political Science, who will discuss the topic, "Berlin Yesterday and Today."

CIVIL ENGINEERING SEMINAR

Dr. David W. Hill of the Civil Engineering Department will speak at the Civil Engineering Seminar on Thursday, October 25th, in Room 120 of the Engineering Building at 11:30 a.m. The subject of Dr. Hill's address will be "Mechanics in the Space Age." Interested persons are cordially invited to attend.

PLANT ECOLOGY SEMINAR

The third Plant Ecology Seminar will convene on Thursday, October 25th, at 12:30 p.m. in Room 144, Biological Sciences Building. Guest speaker for the meeting is Assistant Professor of Botany Robert Ornduff, whose topic is "Greene or Gray? A Problem in Goldfield Biosystematics"; his lecture will be illustrated. Dr. Ornduff's field of special interest is the evolution of flowering plants.

JOINT DUKE-UNC PHILOSOPHY COLLOQUIA

Professor Jaakko Hintikka, of the University of Helsinki, Finland, this term Visiting Professor of Philosophy at Princeton University, will be the guest of the Philosophy Departments at Duke and the University of North Carolina on Thursday and Friday, October 25th and 26th. On October 25th Professor Hintikka will speak in the Philosophy Seminar Room, 211-A West Duke Building, East Campus, at 4:00 p.m. His topic will be "The Modes of Modality." On October 26th he will speak on "Kant on the Mathematical Method" in the Morehead Planetarium in Chapel Hill at 8:00 p.m. All interested members and friends of the University Community are cordially invited.

ECONOMICS SEMINAR

The Economics Seminar will meet in Room 114 Social Science Building on Friday, October 26th, at 4:00 p.m. Professor Gregory Grossman of the University of California will speak on "Notes for a Theory of the Command Economy." An invitation to attend the Seminar is extended to the Departments of History and Political Science.

SLIDE RULE LECTURE

The fourth of the annual Slide Rule Lectures will be presented in the Engineering Auditorium on Thursday, October 25th, at 7:00 p.m. Speaking on the use of S, T, and ST scales, combined operations using trigonometric and other scales will be Mr. Philip C. Smith. Since sample problems and examples will be studied, it is desirable that those attending bring slide rules. Sponsored jointly by Tau Beta Pi and The Order of Saint Patrick, the lectures are open to the public.

STUDENT UNION SPEAKERS SERIES

First on the roster of major speakers for the Student Union Speakers Series is Charles T. Vetter, Jr. of the United States Information Agency. Mr. Vetter will address the University on Thursday, October 25th, at 8:15 p.m. in the Woman's College Auditorium; his topic will be "Knowing the Communist Mind." The public is cordially invited to attend this and all future addresses without charge.

After a number of appointments with the government both at home and abroad, Mr. Vetter joined the Professional Training Staff of the U.S.I.A. where he is responsible for training in the fields of International Communications and Communism. He is a regular lecturer at the State Department Foreign Service Institute, the Air War College, the School of International Service of American University and other overseas orientation programs.

DUKE PLAYERS PERFORMANCE "KING RICHARD II"

Shakespeare's "KING RICHARD II" will be presented by Duke Players in Page Auditorium on Friday and Saturday evenings, October 26th and 27th, at 8:15 p.m. In this story of the deposition of Richard II and the taking of the throne of England by Henry Bolingbroke as King Henry IV, Richard Parks, '63 portrays the complex character of Richard who, with all his faults, comes to realize the true meaning of kingship as the state of one anointed of God to this high place. Gary Schenck, '64 plays the usurper,

Henry Bolingbroke, and Claudia Bray, '63 is the unhappy Queen to Richard.

The box office in Page Auditorium will be open for the sale of tickets every afternoon from two o'clock until five, and from two until performance time on Friday and Saturday. Admission is \$1.25, with all seats reserved.

Kenneth Reardon is director of the play, and Victor Michalak is set designer and technical director.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Clarence N. Stone for the Ph.D. degree in Political Science will be held on Saturday, October 27th, at 10:30 a.m. in Room 306 Library. The subject of Mr. Stone's dissertation is "The City Manager and Community Power: Leadership and Policy Making in a Council-Manager City." The committee to conduct the examination consists of Professors A. S. Sindler, J. H. Hollowell, R. S. Rankin, J. H. Proctor and W. B. Hamilton. Professor Sindler will preside.

ADVANCE NOTICE INDIAN FESTIVAL OF LIGHTS, "DIWALI"

The Indian Festival of Lights, "Diwali," will be celebrated by an exhibition of documentary films on Indian culture in the Biological Sciences Building Auditorium on Sunday, October 28th, at 7:00 p.m. Other items of Indian light and classical music will be presented. Members of the University Community are cordially invited.

WOODROW WILSON FELLOWSHIPS

Competition for the one thousand first year graduate study awards offered by the Woodrow Wilson National Fellowship Foundation for 1963-64 is now under way. Any member of the faculty may nominate a senior undergraduate student as a candidate for a Fellowship if he or she believes that the candidate gives promise of becoming a valuable member of the academic profession. The candidate's name, college address, and proposed field of graduate study should be sent directly to the Regional Chairman, Dean I. B. Canthen, Jr., 412 Cabell Hall, University of Virginia, Charlottesville, Virginia, before October 31, 1962. For further information on procedure consult the local Woodrow Wilson Representatives: Professors Richard L. Watson, Jr. (History), Patrick Vincent (Romance Languages), and Merle M. Bevington (English).

1962-63 ARTIST SERIES

The 1962-63 Duke University Artists Series announces the following concerts for the 1962-63 Season:

THE LITTLE ORCHESTRA OF NEW YORK
with FRANK GLAZER, piano soloist

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"La Traviata"

Thursday, November 29

RUGGIERO RICCI, violinist

Friday, January 4

THE MINNEAPOLIS SYMPHONY ORCHESTRA
STANISLAW SKROWACZEWSKI, conductor

Tuesday, February 12
(Indoor Stadium)

SAN FRANCISCO BALLET

Monday, March 11

Season ticket reservations priced at \$8.00, \$9.00, and \$10.00 are available in Room 202-A Flowers Building, by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station, Durham, North Carolina.

Of special interest to our patrons are two added concerts. On Thursday, November 1st, at 4:00 p.m. in Page Auditorium, THE LITTLE ORCHESTRA OF NEW YORK will present a Children's Concert with an all-Prokofieff program. ELISABETH SCHWARZKOPF, soprano, will be presented in a special concert on Thursday, November 15th, at 8:15 p.m. in Page Auditorium. Last year's patrons may use their same tickets. Individual tickets are available at \$3.00, \$2.50, and \$2.00.

Season ticket patrons are notified that they should receive their tickets by the middle of the week.

MUSIC NOW

The Department of Music is pleased to announce that WUNC-TV (Chapel Hill, Channel 4) is planning a rerun of **Music Now**, a series of ten programs deal-

ing with the most important influences and trends in twentieth century music.

Host for the series is Iain Hamilton, British composer and Mary Duke Biddle Professor of Music at Duke University. Included in the series are interviews with composers Vincent Persichetti and Vittorio Giannini who were visiting Mary Duke Biddle Lecturers last year at Duke. The series was produced by WUNC-TV in cooperation with the Duke University Department of Music. Performers of the musical illustrations are primarily faculty members of the Duke University Department of Music. The North Carolina String Quartet and Ethel Casey, Soprano from Raleigh, North Carolina, were also presented.

The opening programs are:

October 12: "Background to 20th Century Music"

October 19: "Schonberg"

October 26: "Stravinsky"

November 2: "Vittorio Giannini"

November 9: "Bartok"

November 16: "Vincent Persichetti"

All programs may be seen on successive Friday evenings at 9:30 p.m. or on Sunday evenings at 7:30 p.m. The program on October 19 will begin at 9:45 p.m.

CAMPUS TOURS

The YMCA Campus Co-operative Committee announces the schedule for the regularly scheduled Chapel Tours as being 2:00-4:00 p.m. Monday through Friday. Extensive Tours of the Chapel and the Central Campus may be arranged by writing to Bill Allsbrook, Box 9079, Duke Station.

WEEK OF
Oct. 28-Nov. 3, 1962

CALENDAR

WEEK OF
Oct. 28-Nov. 3, 1962

OF

DUKE UNIVERSITY



Events of the Week

Sunday, Oct. 28

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur

11:00 a.m. University Service of Worship. University Chapel. A service of Prayer and Meditation. Serving Ministers: The Reverend Howard C. Wilkinson, The Reverend Professor James T. Cleland, The Reverend Professor Robert E. Cushman, The Reverend Robert P. Hyatt, and Miss Barbara Benedict. Broadcast over Radio Station WDNC and WDNC-FM.

2:00-5:00 p.m. Interfraternity Council, Faculty, and Staff Reception. University House.

7:00 p.m. Indian Festival of Lights, "Diwali." Biological Sciences Building Auditorium.

Monday, Oct. 29

3:00 p.m. Registration for The Christian Convocation and North Carolina Pastors' School. Flowers Building Lounge. (See special notice.)

3:00-5:00 p.m. Shelter Management Course. "Community Shelter System." Room 114 Social Science Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.

7:00 p.m. The James A. Gray Lecture: Dr. Gibson Winter. Page Auditorium.

8:30 p.m. Convocation Sermon: Dr. Carlyle Marney. University Chapel.

Tuesday, Oct. 30

10:10 a.m. Morning Chapel Service. Meditation: Dr. Ray C. Petry. Presiding: Dr. Thor Hall, University Chapel.

11:00 a.m. Gray Lecture: Dr. Gibson Winter. Page Auditorium.

12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

3:00-5:00 p.m. Shelter Management Course. "The Shelter Manager." Room 114 Social Science Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Kappa Delta Pi Meeting. Dean's House, East Campus.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

- 7:30 p.m. Gray Lecture: Dr. Gibson Winter. Page Auditorium.
- 8:00-10:00 p.m. YWCA Seminar. Speaker: The Reverend A. K. Stanley. Music Room, East Duke Building.
- 8:45 p.m. Convocation Sermon: Dr. Carlyle Marney. University Chapel.

Wednesday, Oct. 31

- 11:30 a.m. Gray Lecture: Dr. Gibson Winter. Page Auditorium.
- 3:30 p.m. Varsity Cross Country Meet. Duke versus University of North Carolina. Football Field.
- 3:00-5:00 p.m. Shelter Management Course. "Shelter Supplies." Room 114 Social Science Building.
- 4:15 p.m. Botany Seminar. Speaker: Dr. K. R. Keller. Room 111 Biological Sciences Building (Auditorium).
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:25 p.m. Quadrangle Pictures. Page Auditorium. "THE ROYAL BALLET" with Margot Fonteyn, Michael Somes, Bryan Ashbridge, Leslie Edwards, and the Corps de Ballet of the Royal Opera House, Covent Garden. "Swan Lake," Act II; "The Firebird"; and "Ondine" will be presented. "A resplendently colorful film. A viewer is likely to be held spellbound."—N. Y. Times.
- 7:30 p.m. Special Zoology Seminar. Speaker: Dr. P. Blazka. Room 130 Biological Sciences Building.

Thursday, Nov. 1

- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. Roland Mullinix.
- 12:30 p.m. Plant Ecology Seminar. Speaker: Mr. David Hillier. Room 144 Biological Sciences Building.
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00 p.m. Children's Concert: LITTLE ORCHESTRA OF NEW YORK. Page Auditorium.
- 4:15-6:00 p.m. Duke Marching Band practice. Coombs Field.
- 5:15-6:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:00 p.m. Slide Rule Lecture. Engineering Auditorium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

- 8:15 p.m. Artist Series: LITTLE ORCHESTRA SOCIETY OF NEW YORK. Frank Glazer, piano soloist. Page Auditorium.

Friday, Nov. 2

YMCA DAD'S DAY WEEK-END

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor Ray C. Petry.
- 12:50 p.m. NROTC Address. Speaker: Rear Admiral Forsyth Massey, USN. Biological Sciences Auditorium.
- 3:00 p.m. Political Science Graduate Seminar. Speaker: Professor W. W. Kulski. Room 117 Social Science Building.
- 3:00-5:00 p.m. Shelter Management Course. "Introduction to Shelter Exercise." Room 114 Social Science Building.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.
- 8:15 p.m. Dad's Day Concert. Women's Glee Club and Men's Glee Club. Page Auditorium.

Saturday, Nov. 3

YMCA DAD'S DAY WEEK-END

- 9:00 a.m. The final examination of Mr. Noland Patrick Murray for the Ph.D. degree in Religion. Library Conference Room (Room 103 Library).
- 10:30 a.m. Varsity Soccer: Duke versus Navy. Home.
- 2:00 p.m. Varsity Football: Duke versus Georgia Tech. Stadium.
- 4:00-6:00 p.m. Student Union Open House. Union Ballroom.
- 7:00 and 9:25 p.m. Quadrangle Pictures. Page Auditorium. "THE ROYAL BALLET" with Margot Fonteyn, Michael Somes, Bryan Ashbridge, Leslie Edwards, and the Corps de Ballet of the Royal Opera House, Covent Garden. "Swan Lake," Act II; "The Firebird"; and "Ondine" will be presented. "A resplendently colorful film. A viewer is likely to be held spellbound."—N. Y. Times.
- 8:15 p.m. Dad's Day Event. Woman's College Auditorium.

UNIVERSITY SERVICE OF WORSHIP

A Service of Prayer and Meditation will be held at 11:00 a.m. in which the guidance of God will be asked for our nation in this time of crisis. The ministers who will be serving will be the Chaplain to the University, the Reverend Howard C. Wilkinson; Dean of the Chapel, the Reverend Professor James T. Cleland; Dean of the Divinity School, the Reverend Professor Robert E. Cushman; Head of the Department of Religion, the Reverend Professor James L. Priece, Jr.; Associate Directors of Religious Life, Miss Barbara Benedict and the Reverend Robert P. Hyatt.

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 9:00 P.M., Center, Open House. Wednesday, 6:00 P.M., Worship at the Center. November 2-4, North Carolina Baptist Student Union Convention. Regular Friday supper seminars will be cancelled on November 2. At 6:00 P.M. on Friday graduate students are invited to a supper at the Center followed by a lecture by Dr. Kyle Haselden. Saturday, 6:00 P.M., faculty and staff are invited to a supper at the Center followed by lecture by Dr. Kyle Haselden. Please call the Center, 286-6097, for reservations. The Convention's first general meeting is to be held at Temple Baptist Church on Friday evening at 7:30 P.M. Rides leave circles at 7:15 P.M. Baptist Student Center Dedication is set for 3:00 P.M., November 4. Dr. Kyle Haselden is to speak.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., East Duke Chapel.

EPISCOPAL UNIVERSITY CENTER: Sunday, 9:30 A.M., Chapel of St. Michael and All Angels, Holy Communion—St. Simon and St. Jude Day; 5:30 P.M., Evening Prayer; Canterbury Club, 6:00 P.M., Supper and Talk by Mr. Ian Ross, graduate of Westcott House, Cambridge University (England) on "Signs of Renewal in the Church of England." Wednesday, 7:10 A.M. and 5:30 P.M., Holy Communion. Thursday (All Saints Day), Holy Communion at 7:10 A.M. and 5:30 P.M., Service of Missionary Witness at 8:00 P.M. in the Duke University Chapel. Friday, 3:00 P.M., Center, Dr. Bush's Seminar on "Orthodoxy." All interested persons in the University are invited.

HILLEL FOUNDATION: Sunday, 12:30 P.M., 208 Flowers Building, Brunch for all new and old members. Socio-drama program; "The Three Sons."

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:00 P.M., St. Paul's Lutheran Church, 511 Vickers Avenue, Professor Egil Grisliis will give the address for Duke Lutheran Reformation Banquet on Significance of the Reformation for Today, with responses and discussion following. Rides leave at 5:45 P.M.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Methodist Center, Seminar Meetings; 6:00 P.M., Worship, Dr. Moody Smith, Preacher; 7:00 P.M., Forum—Mr. Floyd McKissiek, Durham Attorney and N.A.A.C.P. official, will speak and lead a discussion on "The Case for Non-Violent Resistance." Dr. Moody Smith, Professor in the Methodist Theo-

logical School of Ohio, will be at the Methodist Student Center at 5:00 P.M., Sunday, October 28, 1962, to talk with any pre-ministerial students who might be interested in information concerning the Ohio seminary.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 9:30 A.M., Sunday School in Durham churches; 6:30 P.M., Westminster House, Westminster Vespers followed by a Panel, "The Mood of the Campus 1962" and discussion.

UNITED STUDENT FELLOWSHIP: Sunday, 6:40 P.M., 207A Flowers Building, Reverend William T. Scott, Jr., of the Congregational Christian Church, will lead the discussion. Everyone interested is welcome to attend.

INDIAN FESTIVAL OF LIGHTS, "DIWALI"

The Indian Festival of Lights, "Diwali," will be celebrated by an exhibition of documentary films on Indian culture in the Biological Sciences Building Auditorium on Sunday, October 28th, at 7:00 p.m. Other items of Indian light and classical music will be presented. Members of the University Community are cordially invited.

DUKE UNIVERSITY SHELTER MANAGEMENT COURSE

The course consists of four 2-hour sessions and one 12-hour exercise. The 2-hour sessions will be conducted repeated at various times as shown in the schedule below. A single shelter exercise will be conducted from 12 noon to 12 midnight on November 16. The 2-hour sessions are independent blocks of instruction and may be taken in any sequence. It is necessary that all four of the 2-hour sessions be attended prior to participating in the shelter exercise.

II. Schedule

Date	Time	Subject
29 October	3-5 P.M.	Community Shelter System
30 October	3-5 P.M.	The Shelter Manager
31 October	3-5 P.M.	Shelter Supplies
2 November	3-5 P.M.	Introduction to Shelter exercise
5 November	7-9 P.M.	Community Shelter System
6 November	7-9 P.M.	The Shelter Manager
7 November	7-9 P.M.	Shelter Supplies
8 November	7-9 P.M.	Introduction to Shelter exercise
16 November	12 noon-12 midnight	Shelter Exercise

Classes will be conducted in Room 114 Social Science Building.

YWCA FALL SEMINAR SERIES

The final event of the YWCA Fall Series on "The Young Negro—A Venture in Understanding," will be held on Tuesday, October 30th, at 7:30 p.m. in the East Duke Green Room. Reverend A. K. Stauley from A & T College in Greensboro will speak on "Religion and the Young Negro."

SPECIAL ZOOLOGY SEMINAR

The Zoology Department will hold a special seminar on Wednesday, October 31st, in Room 130 of the Biological Sciences Building at 7:30 p.m. Dr. P. Blazka from the Hydrobiological Laboratory of Czechoslovak Academy of Science will speak on the "Adaptation of Metabolism To Anoxia."

**CHRISTIAN CONVOCATION
NORTH CAROLINA PASTORS' SCHOOL
JAMES A. GRAY LECTURES**

The Christian Convocation and North Carolina Pastors' School together with the James A. Gray Lectures will hold a series of meetings on the campus from Monday, October 29th, through Wednesday, October 31st. The James A. Gray lecturer this year will be Dr. Gibson Winter, Associate Professor of Ethics and Society in the Divinity School of the University of Chicago. The Convocation Preacher is Dr. Carlyle Marney, Minister of Myers Park Baptist Church, Charlotte, North Carolina.

The schedule follows:

MONDAY, OCTOBER 29

- 3:00 p.m.—Registration. Flowers Building Lounge.
5:15 p.m.—Alumni Class Reunion Dinners. Classes of '38, '53, '58, '59, '60.
Dean's Dinner for Speakers, Staff, and Board of Managers. Old Trinity Room.
7:00 p.m.—First Gray Lecture. Dr. Winter. Page Auditorium.
8:30 p.m.—Convocation Sermon. Dr. Marney. University Chapel.
9:30 p.m.—Late Registration. Flowers Building Lounge.
Reception for Alumni and Friends. Flowers Building Lounge.

TUESDAY, OCTOBER 30

- 9:00 a.m.—Pastors' School Lectures, I. Mr. Webber. York Chapel. Dr. Henry. 208 Flowers Building.
10:10 a.m.—Morning Chapel Service. Meditation, Dr. Ray C. Petry. Presiding, Dr. Thor Hall, University Chapel.
11:00 a.m.—Second Gray Lecture. Dr. Winter. Page Auditorium.
12:15 p.m.—Alumni Association Luncheon. The Reverend Paul Carruth, President. Union Ballroom.
3:00 p.m.—Pastors' School Lectures, II. Mr. Webber. York Chapel. Dr. Henry. 208 Flowers Building.
3:00 to 4:30 p.m.—Tea for Ministers' Wives. Mrs. Robert E. Cushman, hostess. 2022 Myrtle Drive.
7:30 p.m.—Third Gray Lecture. Dr. Winter. Page Auditorium.
8:45 p.m.—Convocation Sermon. Dr. Marney. University Chapel.

WEDNESDAY, OCTOBER 31

- 9:00 a.m.—Pastors' School Lectures, III. Mr. Webber. York Chapel. Dr. Henry. 208 Flowers Building.
10:15 a.m.—Alumni Lecture. Dr. Bowles. Page Auditorium.
11:30 a.m.—Fourth Gray Lecture. Dr. Winter. Page Auditorium.
12:45 p.m.—Luncheon Meeting. Board of Managers of the North Carolina Pastors' School. Old Trinity Room.

KAPPA DELTA PI MEETING

Kappa Delta Pi, honorary society in education, will hold its first meeting of the academic year on Tuesday, October 30th, in the Dean's House on East Campus at 7:00 p.m. Local public school teachers will conduct a panel discussion. The program is especially planned for the benefit of first semester student teachers. All members and student teachers are urged to attend.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, October 31st, at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium), West Campus. Dr. K. R. Keller will speak on "Observations of Russian Agriculture and Plant Science." Dr. Keller is Director of Tobacco Research at North Carolina State

College and has recently returned from a month of travel in Russia. Refreshments will be served at 4:00 p.m. preceding the seminar.

PLANT ECOLOGY SEMINAR

The fourth meeting of the Plant Ecology Seminar will be held on Thursday, November 1st, at 12:30 P.M. in Room 144, Biological Sciences Building. Mr. David Hillier, research assistant in Physiological Ecology, will speak on "The Water Relations of Alpine and Subalpine Meadows in the Medicine Bow Range, Wyoming." The talk will be in the form of an illustrated presentation of a study of the importance of moisture in the establishment, growth, reproduction, and return to dormancy of alpine and subalpine meadow plants.

**CHILDREN'S CONCERT
BY THE LITTLE ORCHESTRA
OF NEW YORK**

Of interest to faculty and staff is the Children's concert (ages 8-12) to be given by the Little Orchestra of New York at 4:00 p.m., Thursday, November 1st in Page Auditorium. This concert is sponsored by Quadrangle Pictures and therefore, there will be no admission charge. Adults must be accompanied by children.

Thomas Sherman will be conducting the Little Orchestra in this special concert which features an all Prokofieff program. Of special interest will be the appearance of Lisl Weil, the well-known children's illustrator. She does illustrative drawings as the orchestra plays and keeps in perfect time with the rhythm of the music. It has been said that her pencil seems to be "dancing."

The program follows:

ALL-PROKOFIEFF PROGRAM

Guest artist: Lisl Weil, Illustrator

- First movement, from the 'Classical Symphony,' Op. 25
Second movement: 'The Enemy God, and Dance of the Black Spirits' from Seythian Suite, Op. 20
Gavotte and Finale from the 'Classical Symphony'
Tag Waltz, Evening and March from 'Summer Day Suite' (Music for Children), Op. 65a
Third movement (allegro ben marcato), from Concerto No. 2 in G Minor for Violin and Orchestra, Op. 63
Jamie Buswell, Soloist
Cinderella (ballet music)
Lisl Weil, Illustrator

SLIDE RULE LECTURE

The fifth of the annual Slide Rule Lectures will be presented in the Engineering Auditorium on Thursday, November 1st, at 7:00 p.m. Speaking on Log-log Scales will be Mr. L. J. Jones. Since sample problems will be studied, it is desirable that those attending bring slide rules. Sponsored jointly by Tau Beta Pi and The Order of Saint Patrick, the lectures are open to the public.

**EXHIBITION OF ART CENTERS, U. S. A.
WOMAN'S COLLEGE GALLERY**

The photographic exhibit of art centers circulated by the Smithsonian Institute, Washington, D. C. will be shown at the Woman's College Gallery through October 30th.

ARTISTS SERIES THE LITTLE ORCHESTRA OF NEW YORK

The first concert of the 1962-63 Artists Series, The Little Orchestra of New York under the baton of Thomas Scherman, will be presented on Thursday, November 1st, at 8:15 p.m. in Page Auditorium. Piano soloist will be Frank Glazer who has been described as "a pianist with a strong mind, strong fingers, and an affinity for understatement as rare today as it is gratifying."—**Herald Tribune**. The Little Orchestra, numbering 40-plus virtuoso musicians, has become the country's leading musical aggregation in the performance of works written for orchestras smaller than regular symphonies and larger than chamber music ensembles.

The program follows:

Introduction and Allegro for Harp, Flute, Clarinet, and Strings
Maurice Ravel
Cynthia Otis, Harpist
Symphony No. 93 in D Major Franz Joseph Haydn
Adagio—allegro assai
Largo cantabile
Menuetto—allegretto
Finale—presto ma non troppo
Concerto No. 5 in F Minor for Piano and Orchestra
Johann Sebastian Bach
Allegro
Largo
Presto

Soloist: Frank Glazer

INTERMISSION

Dances Concertantes Igor Stravinsky
Marche—Introduction
Pas d'Action
Theme varie
Pas de Deux
March—Conclusion
Ballade for Piano and Orchestra, Op. 19 Gabriel Faure
Soloist: Frank Glazer
Overture, Scherzo and Finale in E Major, Op. 52 Robert Schumann
Overture: andante con moto—allegro
Scherzo: Vivo
Finale: allegro molto vivace

Reserve seat tickets are available priced at \$2.00. They may be secured by coming to Room 202A Flowers Building or by calling 681-0111 extension 2911.

NROTC ADDRESS

Rear Admiral Forsyth Massey, USN, Commander Fleet Air, Norfolk and Commander Naval Air Bases, FOURTH and FIFTH Naval Districts, will address the Midshipmen of the NROTC Unit at 12:50 p.m. on Friday, November 2nd, in the Biological Sciences Auditorium. His subject will be "Naval Aviation." The University Community is cordially invited to attend.

DAD'S DAY CONCERT

The Men's and Women's Glee Clubs will present the annual Dad's Day Concert on Friday, November 2nd, at 8:15 p.m. in Page Auditorium. The concert this year will feature Miss Beverly Wolf as guest soloist. The Glee Clubs will present their traditional theme of "something for everyone" with musical scores ranging from Negro Spirituals to classical and religious numbers. The combined groups will finish the program with the well known "Entrance and

March of the Peers" by Sullivan from Gilbert and Sullivan's famous *IOLANTHE*. The admission charge is \$1.00, with no seats reserved.

POLITICAL SCIENCE GRADUATE SEMINAR

Professor W. W. Kulski of Syracuse University will be the guest speaker at the meeting of the Political Science Graduate Seminar on Friday, November 2nd, at 3:00 p.m. in Room 117 Social Science Building. His subject will be "The Period of Transition and Readjustment in France: The Fifth Republic."

FINAL EXAMINATION FOR THE PH. D. DEGREE

The final examination of Mr. Noland Patrick Murray for the Ph.D. degree in Religion will be held on Saturday, November 3rd, at 9:00 a.m. in the Library Conference Room (Room 103 Library). The subject of Mr. Murray's dissertation is "Personalism in the Ethical Theory of Emil Brunner." The committee to conduct the examination consists of Professors Waldo Beach, S. Smith, Hugh Anderson, Frederiek Herzog, and Robert F. Durden. Professor Beach will preside.

BROADWAY MUSICAL "CARNIVAL" TO APPEAR

New York critics' award winning musical "Carnival" is to appear November 8th in Page Auditorium under the auspices of the Duke University Student Union Major Attractions Committee. Playing the starring roles are Elaine Malbin and David Daniels. Miss Malbin is a young soprano of much renown, a star of the NBC Opera both on television and on its tours and also a favorite figure in concerts. Mr. Daniels plays the demanding role of the crippled puppet master Paul. He has toured in several popular musicals and has played many leading roles in summer stock.

The score for "Carnival" by Bob Merrill is captivating and has been directed and choreographed by Gower Champion whose work has drawn praises from critics. It is the enchanting story of an orphan girl who joins an itinerant carnival troupe because she is in desperate need for money. Out of this situation develops a delightful, though in some aspects poignant, love story in which life-like puppets play an instrumental role.

Tickets priced at \$3.50, \$3.00, \$2.50, will be available at Page Box Office October 29th-November 2nd, and November 5th-November 8th, from 2:00-5:00 p.m. or call 681-0111, Extension 2911; or write Box KM, Duke Station (enclose self-addressed stamped envelope).

CAMPUS TOURS

The YMCA Campus Co-operative Committee announces the schedule for the regularly scheduled Chapel Tours as being 2:00-4:00 p.m. Monday through Friday. Extensive Tours of the Chapel and the Central Campus may be arranged by writing to Bill Allsbrook, Box 9079, Duke Station.

PAPYRUS EXHIBIT

Through the courtesy of the Sarah P. Duke Memorial Gardens and Professor William L. Culberson of the Botany Department, the Library now has on display a living specimen of the papyrus plant (*Cyperus papyrus*).

Along with the plant are displayed two fragments of ancient papyrus manuscripts, one Egyptian and the other Greek, dated between 800 B. C. and 200 A. D., and also a number of books concerning papyri, from the Library's collections.

Papyrus, the most common writing material among the ancient Egyptians, Greeks, and Romans, was made from the pith of the plant.

MUSIC NOW

The Department of Music is pleased to announce that WUNC-TV (Chapel Hill, Channel 4) is presenting a rerun of **Music Now**, a series of ten programs dealing with the most important influences and trends in twentieth century music.

Host of the series is Iain Hamilton, British composer and Mary Duke Biddle Professor of Music at Duke University. Included in the series are interviews with composers Vincent Persichetti and Vittorio Giannini who were visiting Mary Duke Biddle Lecturers last year at Duke. The series was produced by WUNC-TV in co-operation with the Duke University Department of Music. Performers of the musical illustrations are primarily faculty members of the Duke University Department of Music. The North Carolina String Quartet and Ethel Casey, Soprano from Raleigh, North Carolina, were also presented.

The current programs are:

November 2: "Vittorio Giannini"

November 9: "Bartok"

November 16: "Vincent Persichetti"

All programs may be seen on successive Friday evenings at 9:30 p. m. or on Sunday evenings at 7:30 p. m.

ADVANCE NOTICE VOICE AND ORGAN RECITAL

Duke University Chapel and the Department of Music will present John Hanks, Tenor, Associate Professor of Music and Mildred L. Hendrix, University Organist, in a Voice and Organ Recital, Sunday, November 4th at 4:00 p. m.

The program will include Arigoni, Pachelbel, Bach, Mozart, Mendelssohn, Reger, Dvorak.

The public is cordially invited to attend.

ADVANCE NOTICE JOINT LINGUISTIC MEETING

The Erasmus Club and the Interdepartmental Committee on Linguistics announce a joint meeting to be held at 8:00 p. m. on Monday, November 5th, in the Green Room, East Duke Building. Professor D. W. Maurer of the University of Louisville will

speak on "The Language Patterns of the Professional Criminal." All faculty members and graduate students are invited to attend.

ADVANCE NOTICE GERONTOLOGY SEMINAR

The Duke Council on Gerontology will meet in an open seminar on Tuesday, November 6th, at 5:00 p. m. in Room 208 Flowers Building. Frank E. Law, D. D. S., Professor of Public Health Administration, Schools of Public Health and of Dentistry, University of North Carolina, will speak on "Dental Care for the Aged."

ADVANCE NOTICE AMERICAN ASSOCIATION OF UNIVERSITY PROFESSORS MEETING

The American Association of University Professors Meeting will be held at 8:15 p. m. in Room 208 Flowers Building on Wednesday, November 7th. Dean Henry L. Kamphoefner of the School of Design, North Carolina State College, will speak on the general subject of University Architecture.

ADVANCE NOTICE PARAPSYCHOLOGY LABORATORY LECTURE SERIES

The Parapsychology Laboratory announces a series of lectures during the 1962-63 academic year.

November 19, 1962

Dr. J. G. Pratt: "Parapsychology in Communist Europe."

February 11, 1963

Dr. K. R. Rao: "Parapsychology—East and West"

April 3, 1963

Dr. John Freeman: "ESP in School and College."

May 7, 1963

Dr. J. B. Rhine: "Parapsychology at Duke—Past, Present, and Future."

These lectures are scheduled to be given at 8:15 p. m. in the Music Room in East Duke Building and will be open to the University Community and the public.

WOODROW WILSON FELLOWSHIPS

Competition for the one thousand first year graduate study awards offered by the Woodrow Wilson National Fellowship Foundation for 1963-64 is now under way. Any member of the faculty may nominate a senior undergraduate student as a candidate for a Fellowship if he or she believes that the candidate gives promise of becoming a valuable member of the academic profession. The candidate's name, college address, and proposed field of graduate study should be sent directly to the Regional Chairman, Dean I. B. Cauthen, Jr., 412 Cabell Hall, University of Virginia, Charlottesville, Virginia, before October 31, 1962. For further information on procedure consult the local Woodrow Wilson Representatives: Professors Richard L. Watson, Jr. (History), Patrick Vincent (Romance Languages), and Merle M. Bevington (English).

WEEK OF
Nov. 4-10, 1962

CALENDAR

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Nov. 4-10, 1962

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DUKE UNIVERSITY



Events of the Week

Sunday, Nov. 4

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. Kyle Haselden, Managing Editor, The Christian Century. Sermon: "The Driven and the Drawn." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Voice and Organ Recital. University Chapel. John Hanks, Tenor, Associate Professor of Music and Mildred L. Hendrix, University Organist.

Monday, Nov. 5

2:30 p.m. The final examination of Mr. Benjamin Moseley Waite for the Ph.D. degree in Biochemistry. Room 262 Bell Building.

4:15 p.m. Zoology Seminar. Biological Sciences Auditorium. Speaker: Dr. Aristid Lindemayer.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

7:00-9:00 p.m. Shelter Management Course. "Community Shelter System." Room 114 Social Science Building.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:00 p.m. Joint Linguistic Meeting. Green Room, East Duke Building. Speaker: Professor D. W. Maurer.

Tuesday, Nov. 6

10:10 a.m. Divinity School Chapel. York Chapel. Professor Creighton Laey.

12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00 p.m. Gerontology Seminar. Room 208 Flowers Building. Speaker: Professor Frank E. Law.

5:30 p.m. Trinity College Historical Society Meeting. Men's Graduate Center. Speaker: Dr. W. T. LaPrade.

7:00-9:00 p.m. Shelter Management Course. "The Shelter Manager." Room 114 Social Science Building.

7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

Wednesday, Nov. 7

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor Creighton Lacy.
- 4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building (Auditorium). Speaker: Dr. Paul B. Sears.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00-9:00 p.m. Shelter Management Course. "Shelter Supplies." Room 114 Social Science Building.
- 7:00 and 9:10 p.m. Quadrangle Pictures. Page Auditorium. "Tomorrow Is My Turn" (French). "Illustrates in skillful melodrama some subtle reflections on apparent and actual freedom and bondage."—*Time Magazine*. "A cinematic achievement discriminating audiences will not want to miss."—*Herald Tribune*.
- 8:15 p.m. Department of Art Illustrated Lecture. Room 204 East Duke Building. Speaker: Dr. Senarat Paranavitana.
- 8:15 p.m. American Association of University Professors Meeting. Room 208 Flowers Building. Speaker: Dean Henry L. Kamphoefner.

Thursday, Nov. 8

- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. Don Nagel.
- 11:30 a.m. Civil Engineering Seminar. Room 120 Engineering Building. Speaker: Dr. Don J. Wood.
- 12:30 p.m. Plant Ecology Seminar. Room 144 Biological Sciences Building. Speaker: Mr. George La Roi.
- 12:45 p.m. Electrical Engineering Seminar. Room 201 Engineering Building. Speaker: Mr. Martin Buehler.
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00 p.m. Undergraduate Faculty Council Meeting. Room 208 Flowers Building.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 7:00-9:00 p.m. Shelter Management Course. "Introduction to Shelter Exercise." Room 114 Social Science Building.
- 8:15 p.m. Student Union Major Attraction: "Carnival." Page Auditorium.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, Nov. 9

- 10:10 a.m. Divinity School Chapel. York Chapel. Communion. Professor Creighton Lacy.
- 4:00 p.m. Engineering Faculty Council Meeting. Conference Room, Engineering Building.
- 4:00 p.m. Chemistry Staff Seminar. Room 01 Chemistry Building. Speaker: Dr. William J. Bailey.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.
- 7:30 p.m. Concert Band Pops Concert. Woman's College Auditorium.

Saturday, Nov. 10

- 2:00 p.m. Varsity Football: Duke vs. University of Maryland. Stadium.
- 7:00 and 9:10 p.m. Quadrangle Pictures. Page Auditorium. "Tomorrow Is My Turn" (French). "Illustrates in skillful melodrama some subtle reflections on apparent and actual freedom and bondage."—*Time Magazine*. "A cinematic achievement discriminating audiences will not want to miss."—*Herald Tribune*.
- 8:15 p.m. Second in Series: "Five Evenings with Iain Hamilton." Music Room, East Duke Building.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Kyle Haselden, Managing Editor, *The Christian Century*, will deliver the sermon at the University Service of Worship on Sunday, November 4th, at 11:00 a.m. in the University Chapel. His subject will be "The Driven and the Drawn." The order of service follows:

Opening Organ Voluntary—Fantasia in G	<i>Bach</i>
Call to Worship—"Sanctus" from Mass II	<i>Hassler</i>
Hymn—"Holy, Holy, Holy!"	<i>John B. Dykes</i>
Prayer of Confession	
Words of Assurance	
The Lord's Prayer	
Anthem—"Gloria in Excelsis Deo"	
(Glory to God in the Highest)	<i>Bach</i>
Scripture Lesson—Philemon 1:1-16	
Hymn—"All Hail the Power of Jesus' Name!"	<i>Oliver Holden</i>
Call to Prayer	
The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication	
The Offering	
Offertory Organ Interlude	
Anthem—"He Trusted in God That He Would Deliver Him"	
(from <i>The Messiah</i>)	<i>Handel</i>
Response—The Doxology	
Prayer of Dedication	
Sermon—"The Driven and the Drawn"	
Prayer	
Benediction	
Choral Response—"Sevenfold Amen"	<i>Stainer</i>
The Chimes	
Closing Organ Voluntary—Allegro from Concerto No. 5	<i>Bach</i>

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 3:00 P.M., Dedication of the Center—Dr. Kyle Haselden will bring the dedication sermon. **Wednesday, 6:00 P.M.,** Worship at the Center. **Friday, 6:00 P.M.,** Regular Supper Seminars. **Sunday, November 11,** Rides leave circles at 1:45 P.M. to go to Murdock School at Butler.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., East Duke Chapel.

EPISCOPAL UNIVERSITY CENTER: Sunday, 9:30 A.M., Chapel of St. Michael and All Angels, Holy Communion; 5:30 P.M., Evening Prayer; 6:00 P.M., Canterbury, Supper and Talk by Miss Charlotte Rundels on her summer work in a mission on the lower East side of New York City. **Wednesday, 7:10 A.M.** and 5:30 P.M., Holy Communion at the Center.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room, East Duke Building, East Campus—Group discussion; Chaplain Shuford, leader, "Church in Contact with Culture," continued "Race Problems" in depth.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Center Seminar Groups; 6:00 P.M., Center, Congregational Supper and Worship; Nancy Pell, preacher. **Wednesday, 6:00 P.M.,** Sacrament of Holy Communion. The Methodist Student Movement is sponsoring an Arts Festival at Chapel Hill, November 9-11. Major lectures will be given by Mr. Benton Spruance, artist from Philadelphia, and Dr. Roger Ortmayer, Professor of Christianity and the Arts at Perkins School of Theology, Dallas, Texas. Mr. Spruance will lecture at 8:00 P.M. in Hill Hall, Friday, November 9, and Dr. Ortmayer at 8:00 P.M., Hill Hall, Saturday, November 10. These lectures are open to the public at no charge. The cost of full participation in the Festival is \$4.50. For information concerning the full program and for registration forms, call the Methodist Center, 286-9230. Art majors are especially invited to participate.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 9:30 A.M., Sunday School in Durham churches; 5:30 P.M., Westminster House, Westminster Vespers, Supper; Speaker of the evening will be Dr. Thomas Langford followed by discussion.

UNITARIAN-UNIVERSALIST FELLOWSHIP: Sunday, 7:30 P.M., at the home of Dr. and Mrs. Henry W. Newson, 1111 N. Gregson Street; "Religion, Science, and Albert Einstein," a recording by A. Powell Davies.

UNITED STUDENT FELLOWSHIP: (Open to all Congregational Christian, Evangelical and Reformed, United Church of Christ, and Disciples of Christ students) Sunday, 6:40 P.M., 207-A Flowers Building. Discussion will focus on the Statement of Faith of the United Church of Christ, continuing an exploration of "What Is the Church?"

VOICE AND ORGAN RECITAL

Duke University Chapel and the Department of Music will present John Hanks, Tenor, Associate Professor of Music and Mildred L. Hendrix, University Organist, in a Voice and Organ Recital, Sunday, November 4th, at 4:00 p.m. in the University Chapel. The public is cordially invited to attend.

The program will be as follows:

Prelude and Fugue in C minor	<i>Johann Sebastian Bach</i>
Mrs. Hendrix	
Bone Jesu	<i>Giacomo Arigoni</i>
Mr. Hanks	
Panis Omnipotentia from (Litany in B flat)	<i>W. A. Mozart</i>
Mr. Hanks	
Benedictus	<i>Max Reger</i>
Mrs. Hendrix	
In Evening's Glow	<i>Franz Schubert</i>
Mr. Hanks	
If with all your hearts	<i>Felix Mendelssohn</i>
Mr. Hanks	
Introduction and Passacaglia	<i>Max Reger</i>
Mrs. Hendrix	
Biblishe Lieder	<i>Anton Dvorak</i>
Op. 99, No. 9	
Op. 99, No. 10	
Op. 99, Vol. I No. 4	
Op. 99, Vol. I No. 5	
Mr. Hanks	

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Benjamin Moseley Waite for the Ph.D. degree in Biochemistry will be held on Monday, November 5th, at 2:30 p.m. in Room 262 Bell Building. The subject of Mr. Waite's dissertation is "Studies on Acetyl CoA Carboxylase." The committee to conduct the examination consists of Professors Salih J. Wakil, Philip Handler, Henry Kamin, W. S. Lynn, and L. A. Bigelow. Professor Wakil will preside.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, November 5th, in the Biological Sciences Building Auditorium at 4:15 p.m. Dr. Aristid Lindemayer from the Biomathematics Group, Institute of Statistics, State College Section, Raleigh, North Carolina will speak on "Haem Enzymes and Respiratory Adaptation in Yeast." Coffee and tea will be served in the foyer at 4:00 p.m. preceding the seminar.

TRINITY COLLEGE HISTORICAL SOCIETY MEETING

The Trinity College Historical Society will meet Tuesday, November 6th, at 5:30 p.m. in the Men's Graduate Center. The speaker will be Dr. W. T. LaPrade.

DUKE UNIVERSITY SHELTER MANAGEMENT COURSE

The course consists of four 2-hour sessions and one 12-hour exercise. The 2-hour sessions will be conducted repeated at various times as shown in the schedule below. A single shelter exercise will be conducted from 12 noon to 12 midnight on November 16th. The 2-hour sessions are independent blocks of instruction and may be taken in any sequence. It is necessary that all four of the 2-hour sessions be attended prior to participating in the shelter exercise.

Schedule

<i>Date</i>	<i>Time</i>	<i>Subject</i>
5 November	7-9 P.M.	Community Shelter System
6 November	7-9 P.M.	The Shelter Manager
7 November	7-9 P.M.	Shelter Supplies
8 November	7-9 P.M.	Introduction to Shelter Exercise

16 November 12 noon-12 midnight Shelter Exercise
Classes will be conducted in Room 114 Social Science Building.

JOINT LINGUISTIC MEETING

The Erasmus Club and the Interdepartmental Committee on Linguistics announce a joint meeting to be held at 8:00 p. m. on Monday, November 5th, in the Green Room, East Duke Building. Professor D. W. Maurer of the University of Louisville will speak on "The Language Patterns of the Professional Criminal." All faculty members and graduate students are invited to attend.

GERONTOLOGY SEMINAR

The Duke Council on Gerontology will meet in an open seminar on Tuesday, November 6th, at 5:00 p. m. in Room 208 Flowers Building. Frank E. Law, D. D. S., Professor of Public Health Administration, Schools of Public Health and of Dentistry, University of North Carolina, will speak on "Dental Care for the Aged."

DUKE FENCING CLUB MEETING

The Duke Fencing Club will meet each Tuesday at 7:30 p.m. on the Main Floor of Card Gymnasium. Equipment and instructions will be provided. The University Community is cordially invited to participate in these meetings.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, November 7th, at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium). Dr. Paul B. Sears, a well-known ecologist will speak on "Vegetation and Climatic Change." Dr. Sears is well-known for his writing and lecturing on ecology and conservation. He recently retired as Chairman of the Conservation Program at Yale University and is now serving as Babcock Professor of Botany at Wake Forest College. Refreshments will be served at 4:00 p.m.

DEPARTMENT OF ART ILLUSTRATED LECTURE

The Department of Art announces an illustrated lecture entitled, "Art and Culture of Ceylon," on Wednesday, November 7th, at 8:15 p.m. in Room 204 East Duke Building, given by Dr. Senarat Paranavitana. Dr. Paranavitana is a distinguished archaeologist and art historian presently Research Professor of Ceylon Archaeology in the University of Ceylon and is visiting this country under the auspices of the Association for Asian Studies. The University Community is cordially invited to attend.

AMERICAN ASSOCIATION OF UNIVERSITY PROFESSORS MEETING

The American Association of University Professors Meeting will be held at 8:15 p.m. in Room 208 Flowers Building on Wednesday, November 7th. Dean Henry L. Kamphoefner of the School of Design, North Carolina State College, will speak on the general subject of University Architecture.

CIVIL ENGINEERING SEMINAR

The Civil Engineering Department Seminar will meet on Thursday, November 8th, at 11:30 a.m. in Room 120 Engineering Building. Dr. Don J. Wood of the Civil Engineering Department will speak on "Elastic Wave Propagation in Liquid and Solid-Liquid Mixtures in Closed Conduits." All interested persons are cordially invited to attend.

PLANT ECOLOGY SEMINAR

The fifth meeting of the Plant Ecology Seminar will be held on Thursday, November 8th, at 12:30 p.m. in Room 144 Biological Sciences Building. Mr. George La Roi, Ph.D. Candidate and NSF Fellow in Botany, will speak on "The Spruce-Fir Communities of the North American Taiga." The talk will consist of a description of some structural and floristic features of northern coniferous forests, and how these features may be related to the history and environments of the Taiga Forest Region.

ELECTRICAL ENGINEERING SEMINAR

The Electrical Engineering Seminar will be held on Thursday, November 8th, at 12:45 p.m. in Room 201 Engineering Building. Mr. Martin Buehler will speak on "The Measurement of Semiconductor Properties." Mr. Buehler is a graduate student in the Electrical Engineering Department. The talk will indicate the fabrication of specimens, the apparatus used, and the analysis of data. The public is cordially invited to attend.

UNDERGRADUATE FACULTY COUNCIL MEETING

The Undergraduate Faculty Council will meet on Thursday, November 8th, at 4:00 p.m. in Room 208 Flowers Building.

BROADWAY MUSICAL "CARNIVAL" TO APPEAR THURSDAY

New York critics' award winning musical "Carnival" is to appear Thursday, November 8th, at 8:15 p.m. in Page Auditorium under the auspices of the Duke University Student Union Major Attractions Committee. Playing the starring roles are Elaine Malbin and David Daniels. Miss Malbin is a young soprano of much renown, a star of the NBC Opera both on television and on its tours and also a favorite figure in concerts. Mr. Daniels plays the demanding role of the crippled puppet master Paul. He has toured in several popular musicals and has played many leading roles in summer stock.

The score for "Carnival" by Bob Merrill is captivating and has been directed and choreographed by Gower Champion whose work has drawn praises from critics. It is the enchanting story of an orphan girl who joins an itinerant carnival troupe because she is in desperate need for money. Out of this situation develops a delightful, though in some aspects poignant, love story in which life-like puppets play an instrumental role.

Tickets priced at \$3.50, \$3.00, \$2.50, will be available at Page Box Office November 5th-November 8th, from 2:00-5:00 p.m. or call 681-0111, Extension 2911; or write Box KM, Duke Station (enclose self-addressed stamped envelope).

ENGINEERING FACULTY COUNCIL MEETING

The Engineering Faculty Council will meet on Friday, November 9th, at 4:00 p.m. in the Conference Room of Engineering Building.

CHEMISTRY STAFF SEMINAR

The Chemistry Staff Seminar will meet on Friday, November 9th, at 4:00 p.m. in Room 01 Chemistry Building. Dr. William J. Bailey, University of Maryland, will speak on "Pyrolysis of Unsaturated Materials." All interested persons are invited to attend.

PAPYRUS EXHIBIT

Through the courtesy of the Sarah P. Duke Memorial Gardens and Professor William L. Culberson of the Botany Department, the Library now has on display a living specimen of the papyrus plant (*Cyperus papyrus*).

Along with the plant are displayed two fragments of ancient papyrus manuscripts, one Egyptian and the other Greek, dated between 800 B. C. and 200

A. D., and also a number of books concerning papyrus, from the Library's collections.

Papyrus, the most common writing material among the ancient Egyptians, Greeks, and Romans, was made from the pith of the plant.

POPS CONCERT

The Duke University Concert Band under the direction of Paul Bryan of the Department of Music Faculty will present a pops concert on Friday, November 9th, at 7:30 p.m. in the Woman's College Auditorium. Special feature of the concert will be student soloists, Claudia Bray and Michael Best, in selections from **Porgy and Bess**. There is no admission charge and the public is cordially invited to attend. The program is as follows:

March "On the Esplanade"	Brown
Prelude and Fugue in G Minor	J. S. Bach
Dances from <i>Capriol Suite</i>	Peter Warlock
L'Arlesienne Suite No. 2	Bizet
Andante Sostenuto	
Intermezzo	
Selections from <i>Porgy and Bess</i>	Gershwin
Soloists: Claudia Bray	
Michael Best	
Eiuzugs Marsch	Strauss
Star Spangled Spectacular	
(Melodies of George M. Cohan)	arr. Alfred Reed
March "Nobles of the Mystic Shrine"	Sousa

MUSIC NOW

The Department of Music is pleased to announce that WUNC-TV (Chapel Hill, Channel 4) is presenting a rerun of **Music Now**, a series of ten programs dealing with the most important influences and trends in twentieth century music.

Host of the series is Iain Hamilton, British composer and Mary Duke Biddle Professor of Music at Duke University. Included in the series are interviews with composers Vincent Persichetti and Vittorio Giannini who were visiting Mary Duke Biddle Lecturers last year at Duke. The series was produced by WUNC-TV in co-operation with the Duke University Department of Music. Performers of the musical illustrations are primarily faculty members of the Duke University Department of Music. The North Carolina String Quartet and Ethel Casey, Soprano from Raleigh, North Carolina, were also presented.

The current programs are:

November 9: "Bartok"

November 16: "Vincent Persichetti"

All programs may be seen on successive Friday evenings at 9:30 p.m. or on Sunday evenings at 7:30 p.m.

CAMPUS TOURS

The YMCA Campus Co-operative Committee announces the schedule for the regularly scheduled Chapel Tours as being 2:00-4:00 p.m. Monday through Friday. Extensive Tours of the Chapel and the Central Campus may be arranged by writing to Bill Allsbrook, Box 9079, Duke Station.

SECOND IN SERIES FIVE EVENINGS WITH IAIN HAMILTON

The Department of Music will present the second in its series entitled "Five Evenings with Iain Hamilton" on Saturday, November 10th, at 8:15 p. m. in the Music Room, East Duke Building. On this occasion Mr. Hamilton, Mary Duke Biddle Professor of Music, will comment informally on works by Igor Stravinsky performed by members and students of the department and Ethel Casey, soprano of Raleigh, North Carolina. The program has been arranged by Ruth Friedberg of the Department of Music. The public is cordially invited to attend. The concert will be as follows:

I

Suite Italienne for 'Cello and Piano
Introduzione
Serenata
Aria
Tarantella
Minuetto e Finale
William Kleuz, Ruth Friedberg

II

Arias from "The Rake's Progress"
"Love, too frequently betrayed"—Act II
"Since it is not by merit"—Act I Tom Rakewell
"No word from Tom—Ann Truelove
(Recitative, Aria, Recitative, Cabaletta)
John Hanks, Tenor
Ethel Casey, Soprano
Ruth Friedberg, Accompanist

III

Sonata for Two Pianos
Moderato
Theme with Variations
Allegretto, Poco piu mosso, Allegretto
Ronald Fishbaugh, Ruth Friedberg

IV

Three Easy Pieces (Piano duet)
II Valse
Five Easy Pieces (Piano duet)
V Galop
Ronald Fishbaugh, Ruth Friedberg

Intermission

V

In Memoriam Dylan Thomas
(Tenor, Four Trombones, and String Quartet)
Prelude: Dirge-Canon
Song: Do not go gentle
Postlude: Dirge-Canon
John Hanks, Tenor

Trombones	String Quartet
Paul Bryan	Joseph Pepper, Violin
Thomas Anderson	Julia Mueller, Violin
Robert Triekey	William Martin, Viola
John A. Smith	William Klenz, 'Cello

VI

Duo Concertant for Violin and Piano
Cantilene
Eglogue I
Eglogue II
Gigue
Dithyrambe
Julia Mueller, Ruth Friedberg

ADVANCE NOTICE CEREBRAL PALSY FOOTBALL CLASSIC

The 10th Annual Cerebral Palsy Football Classic between Duke's Blue Imps and the University of North Carolina's Tar Babies will be sponsored this year for the second time by the Durham Cerebral Palsy Foundation and the Durham Junior League on November 22nd in the Duke Stadium.

Kickoff for the game will be at 2:00 p. m. Tickets will cost \$1.00 during advance sales and \$1.50 at game time.

In addition to exciting freshman football, the Durham Automobile Dealers Association is donating a 1963 compact car which will be awarded to the ticket-holder whose number is selected at the half.

DUKE UNIVERSITY EXCEEDS UNITED FUND GOAL

Duke University has collected through October 30th a total of \$37,415.03 for the Durham United Fund Campaign of 1962. The University's quota in this year's effort was \$36,500.00. The total raised at Duke represents 102.5% of the campaign quota. There are still a number of cards which have not been turned in, and members of the University Community are urged to complete these cards and return them to the Office of John M. Dozier, Campaign Chairman, in Room 203 Allen Building.

EAST CAMPUS BABY SITTING SERVICE FOR FACULTY

Each faculty member has been sent an information sheet concerning the East Campus Dormitory sitter service for their children, sponsored by the Special Service Committee of the Student Union. The co-eds have expressed enthusiasm for this work and hope that the faculty will utilize this service.

ADVANCE NOTICE PARAPSYCHOLOGY LABORATORY LECTURE SERIES

The Parapsychology Laboratory announces a series of lectures during the 1962-63 academic year.

November 19, 1962	Dr. J. G. Pratt: "Parapsychology in Communist Europe."
February 11, 1963	Dr. K. R. Rao: "Parapsychology—East and West"
April 3, 1963	Dr. John Freeman: "ESP in School and College."
May 7, 1963	Dr. J. B. Rhine: "Parapsychology at Duke—Past, Present, and Future."

These lectures are scheduled to be given at 8:15 p. m. in the Music Room in East Duke Building and will be open to the University Community and the public.

WEEK OF
Nov. 11-17, 1962

CALENDAR

WEEK OF
Nov. 11-17, 1962

OF

DUKE UNIVERSITY



Events of the Week

Sunday, Nov. 11

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor Robert E. Cushman, Dean of The Divinity School. Sermon: "Soul, Thou Hast Much Goods!" Broadcast over Radio Station WDNC and WDNC-FM.

8:15 p.m. 1962 Duke Symposium: "Dimensions of Defense." Keynote Address: Mr. Allen W. Dulles—former Director of C. I. A. "New Challenges to National Security." Page Auditorium. Reception following in Flowers Lounge.

Monday, Nov. 12

3:30 p.m. The final examination of Mr. Alonzo Williams Kenion for the Ph.D. degree in English. Room 312 Allen Building.

4:15 p.m. Zoology Seminar. Speaker: Dr. Philip Grant. Auditorium of the Biological Sciences Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

7:30 p.m. 1962 Duke Symposium: "Dimensions of Defense." Address: Thomas Schelling, Harvard Center for International Affairs. "Military Policy in a Dangerous World." Page Auditorium.

9:00 p.m. Seminar following Symposium Address. "Disarmament." Page Auditorium.

Tuesday, Nov. 13

9:00 a.m.-3:00 p.m. United States Coast Guard Interviews. Alumni Lounge. Union Building.

10:10 a.m. Divinity School Chapel. York Chapel. Professor John Rudin.

12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

- 7:30 p.m. 1962 Duke Symposium: "Dimensions of Defense." Address: Kenneth Boulding, Professor of Economics at the University of Michigan. "Economics of Defense." Page Auditorium.
- 9:00 p.m. Seminar following Symposium Address. "Limited Warfare." Page Auditorium.

Wednesday, Nov. 14

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor John Rudin.
- 12:30 p.m. Campus Club Luncheon. Speaker: Dr. Eleanor Lansing Dulles. Hope Valley Country Club.
- 3:00-5:00 p.m. Campus Club Music Study Group. Green Room, East Duke Building.
- 4:15 p.m. Botany Seminar. Speaker: Dr. Robert T. Brumfield. Room 111 Biological Sciences Building (Auditorium) West Campus.
- 4:30 p.m. Joint Duke-U.N.C. Physics Colloquium. Speaker: Dr. James Franck. Room 114 Physics Building, Duke University.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:30 p.m. 1962 Duke Symposium. "Dimensions of Defense." Address: Charles Osgood, University of Illinois. "Questioning Some Unquestioned Assumptions About National Defense." Page Auditorium.
- 8:15 p.m. Bahá'í Club. Speaker: Mr. Jack McKannt. Music Room, East Duke Building.
- 9:00 p.m. Seminar following Symposium Address. "Psychological and Theological Implications of National Defense."
- NOTE:** QUADRANGLE PICTURES will be closed next week to accommodate the Symposium in Page Auditorium.

Thursday, Nov. 15

- 10:00-11:30 a.m. Newcomers Club Coffee: "Highlights of North Carolina." Speaker: Mrs. Robert Wilson. Home of Mrs. Everett Hopkins, 2016 Myrtle Drive.
- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. John Rush.
- 11:30 a.m. Civil Engineering Seminar. Speaker: Mr. Bruce Hunt. Room 120 Engineering Building.
- 12:30 p.m. Faculty Club Luncheon. Union Ballroom.
- 12:30 p.m. Plant Ecology Seminar. Speaker: Mr. Richard Rhoades. Room 144 Biological Sciences Building.
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

- 4:00 p.m. Graduate Faculty Meeting. Room 208 Flowers.
- 4:30 p.m. Chapel Memorial Service for Professor Douglas B. Maggs. University Chapel.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.
- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 7:00 p.m. Student Union Pre-Artist Series Seminar: ELISABETH SCHWARZKOPF. Music Lounge, Flowers Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Artist Series: ELISABETH SCHWARZKOPF, Soprano. Page Auditorium. (Hold-over from 1961-62 Artist Series.)

Friday, Nov. 16

- 10:10 a.m. Divinity School Chapel. York Chapel. Communion. Professor John Rudin.
- 3:00 p.m. Political Science Graduate Seminar. Speaker: Professor J. F. Northey. Room 302 West Campus Library.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 4:15 p.m. Economics Seminar. Speaker: Professor Gregory Grossman. Room 114 Social Science Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.
- 8:15 p.m. Mary Duke Biddle Lecturer: Ralph Kirkpatrick, Harpsichordist. Music Room, East Duke Building.
- 9:00 p.m.-1:00 a.m. Co-Ed Ball. Elks Club.

Saturday, Nov. 17

- 2:00 p.m. Varsity Football: Duke versus Wake Forest College. Winston-Salem, North Carolina.
- NOTE:** Quadrangle Pictures will not be shown tonight.
- 8:15 p.m. Chamber Arts Society: Ralph Kirkpatrick, Harpsichord. Music Room. East Duke Building.

UNITED STATES COAST GUARD INTERVIEWS

The United States Coast Guard will have representatives on the Campus Tuesday, November 13th, from 9:00 a.m. to 3:00 p.m. in the Alumni Lounge to acquaint interested students with their Officer Candidate Program.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor Robert E. Cushman, Dean of The Divinity School, will deliver the sermon at the University Service of Worship on Sunday, November 11th, at 11:00 a.m. in the University Chapel. His subject will be "Soul, Thou Hast Much Goods!"

The order of service follows:

Opening Organ Voluntary—Prelude and Fugue in G Minor
Buxtehude
Adagio *Fiocco*
Choral Adoration—"Sanctus" from Mass II *Hassler*
Hymn—"Joyful, Joyful, We Adore Thee"
Ludwig van Beethoven
Prayer of Confession
Words of Assurance
The Lord's Prayer
Anthem—"All Ye That Cried Unto the Lord"
from *Hymn of Praise* *Mendelssohn*
Scripture Lesson—Luke 12:13-21; 19:41-44
Hymn—"God of Grace and God of Glory" *John Hughes*
Call to Prayer
The Pastoral Prayer of Adoration, Thanksgiving, Interecession,
Petition and Dedication
The Offering
Offertory Organ Interlude
Anthem—"Lift Up Your Heads, O Ye Gates"
from *The Messiah* *Handel*
Response—The Doxology
Prayer of Dedication
Sermon—"Soul, Thou Hast Much Goods!"
Prayer
Benediction
Choral Response—"Sevenfold Amen" *Stainer*
The Chimes
Closing Organ Voluntary—Fugue in E Flat Major (St. Anne)
Bach

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 1:45 P.M., Rides leave circles to go to Murdoch School for the Mentally Retarded; 9:00, Center, Open House. **Wednesday, 6:00 P.M.,** Center, Vespers—Mrs. Joyce Stines, Speaker. **Friday, 6:00 P.M.,** Supper and seminars at the Center, Drs. Tom McCollough and W. D. White leading.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., East Duke Chapel.

EPISCOPAL UNIVERSITY CENTER: Sunday, 9:30 A.M., Chapel of St. Michael, Holy Communion; 5:30 P.M., Canterbury will meet with the Westminster Fellowship at the Presbyterian Center for a program on the Vatican Council. The program will continue next Sunday at the Episcopal Center. **Wednesday, 7:10 A.M. and 5:30 P.M.,** Holy Communion. **Friday, 3:00 P.M.,** Center, Dr. Bush's Seminar on Orthodoxy. All interested persons are invited.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room, East Duke Building, East Campus, L. S. A. officers and Chaplain—"War and Peace; Disintegration and Disarmament." **Wednesday, 7:15 A.M.,** Memorial Chapel of Duke Chapel,

Holy Communion. Rides leave East at 7:05 A.M., return following.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Center, Study Group Meetings; 5:30 P.M., The congregation will continue a discussion begun last Sunday on the purpose and structures of the Student Center; 6:15 P.M., Center, Worship: Wesley Players will present a chancel drama, The York "Creation of Man," with a modern dance interpretation by Jean Thompson. **Wednesday, 6:00 P.M.,** The Sacrament of the Lord's Supper.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 5:30 P.M., Westminster House, Joint meeting of Westminster and Canterbury—Vespers and Supper. There will be a panel, "The Vatican Council," followed by discussion. Meeting will end in time for all persons to attend the opening session of the Symposium. **Thursday, 7:00 A.M. (in the morning),** Holy Communion, followed by Communion Breakfast.

UNITED STUDENT FELLOWSHIP (Open to all Congregational Christian, Evangelical and Reformed, United Church of Christ, Disciples of Christ students: Will meet tonight at the "Null and Void" coffee house for supper and discussion. East Campus students are asked to take the 6:15 P.M. Duke Univ. via Univ. Apts. bus and Hanes House nurses and West Campus students are asked to take the same bus, leaving West around 6:20 P.M.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Alonzo Williams Kenion for the Ph.D. degree in English will be held on Monday, November 12th, at 3:30 p.m. in Room 312 Allen Building. The subject of Mr. Kenion's dissertation is "The Influence of Criticism upon English Tragedy, 1700-1750." The committee to conduct the examination consists of Professors Charles E. Ward, Benjamin Boyce, Lionel Stevenson, C. Richard Sanders, and Ernest W. Nelson. Professor Ward will preside.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, November 12th, in the Auditorium of the Biological Sciences Building at 4:15 p.m. Dr. Philip Grant from the National Science Foundation will speak on "Nucleo-Cytoplasmic Interactions in Amphibian Development." Coffee and tea will be served in the foyer at 4:00 p.m. preceding the seminar.

CAMPUS CLUB ANNUAL LUNCHEON

The Campus Club will hold its annual luncheon at the Hope Valley Country Club on Wednesday, November 14th, at 12:30 p.m. Dr. Eleanor Lansing Dulles, Visiting Professor of Political Science, will be the speaker.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, November 14th, at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium) West Campus. The seminar speaker will be Dr. Robert T. Brumfield, professor of biology at Longwood College, Farmville, Virginia. Dr. Brumfield has been actively engaged in research on cell growth and morphogenesis, especially in roots, for a number of years. His title will be "Experiments on Root Growth" and the talk will be illustrated with moving pictures.

Refreshments will be served at 4:00 p.m. preceding the seminar.

JOINT DUKE-U. N. C. PHYSICS COLLOQUIUM

The Joint Duke-U. N. C. Physics Colloquium will meet Wednesday, November 14th, at 4:30 p.m. in Room 114 Physics Building, Duke University. Dr. James Franck will speak on "A Theory of Light Utilization in Photosynthesis."

Tea and coffee will be served at 4:15 p.m. preceding the Colloquium.

BAHÁÍ CLUB

The Baháí Club will meet on Wednesday, November 14th, at 8:15 p.m. in the Music Room, East Duke Building. Mr. Jack McKanmt will speak on the Baháí Faith.

CIVIL ENGINEERING SEMINAR

Mr. Bruce Hunt of the Civil Engineering Department will speak at the Civil Engineering Seminar on Thursday, November 15th, in Room 120 of the Engineering Building at 11:30 a.m. The subject of Mr. Hunt's address will be "Initial Velocity Missile Launch System." Interested persons are cordially invited to attend.

PLANT ECOLOGY SEMINAR

The sixth Plant Ecology Seminar will be held Thursday, November 15th, at 12:30 p.m. in Room 144 Biological Sciences Building. Mr. Richard Rhoades, Ph.D. candidate in Botany, will speak on "The Spruce-Fir Forest of the Acadian-Appalachian Region in Eastern North America." The talk will be a review of some aspects of Mr. Rhoades' current research in the spruce-fir forest of New England and eastern Canada.

GRADUATE FACULTY MEETING

There will be a meeting of the Graduate Faculty on Thursday, November 15th, at 4:00 p.m. in Room 208 Flowers Building.

ARTISTS SERIES

ELISABETH SCHWARZKOPF, SOPRANO

On Thursday, November 15th, at 8:15 p.m. ELISABETH SCHWARZKOPF will present a recital in Page Auditorium that was postponed from its originally scheduled date of last March. Since her first American appearance in 1953 Miss Schwarzkopf has been an annual visitor to the United States for concert appearances and recitals. Internationally acclaimed, Miss Schwarzkopf comes to Duke University following her most recent success as Marschallin in Strauss's "Der Rosenkavalier" with the San Francisco Opera.

The program follows:

An die Musik	}	<i>Schubert</i>
Der Einsame		
Romanze from "Rosamunde"		
Gretchen am Spinnrad (Goethe)		
Von ewiger Liebe	}	<i>Brahms</i>
Da unten im Tale		
Sandmaennchen		
Vergebliches Staendchen		

INTERMISSION

Ruhe, meine Seele	}	<i>Strauss</i>
Meinem Kinde		
Hat's gesagt, bleibt's nicht dabei		
Schlechtes Wetter		
Her, was traegt der Boden hier	}	<i>Wolf</i>
Nun lass uns Frieden schliessen		
(Italienisches, Liederbuch).		
Mein Liebster hat zu Tische mich geladen		
(Italienisches Liederbuch).		
In dem Schatten meiner Locken		
Die Zigeunerin		

Remaining tickets for this concert are priced at \$3.00, \$2.50, and \$2.00 and may be obtained by calling 681-0111, extension 2911, by coming to Room 202-A Flowers Building, or by writing Box KM, Duke Station. For mail orders, please enclose a self-addressed, stamped envelope. SPECIAL NOTE: Patrons holding tickets for this concert originally scheduled last spring will find that the tickets will be honored for the seat indicated for this concert.

Preceding the concert at 7:00 p.m. there will be a seminar with Professor John Hanks of the Music Department in the Music Lounge of Flowers Building. The session, under the sponsorship of the Student Union Fine Arts Committee, is open to the public without charge.

REMINDER OF DEADLINE DATE FOR NATO APPLICATIONS

The deadline date for applications for N. A. T. O. research grants in the areas of history, political, economic and social problems is drawing close.

Applications and additional information may be obtained from the Conference Board of Associated Research Councils, Committee on International Exchange of Persons, 2101 Constitution Avenue, Washington 25, D. C.

Applications must be submitted no later than November 20, 1962.

POLITICAL SCIENCE GRADUATE SEMINAR

The next regular meeting of the Political Science Graduate Seminar will be held in Room 302 West Campus Library at 3:00 p.m. on Friday, November 16th. The guest speaker will be Professor J. F. Northey of the University of Auckland, New Zealand. His topic will be "Ombudsman."

ECONOMICS SEMINAR

The Economics Seminar will meet in Room 114 Social Science Building on Friday, November 16th, at 4:15 p.m. Professor Gregory Grossman of the University of California will speak on "Notes for a Theory of the Command Economy." An invitation to attend the Seminar is extended to the Departments of History and Political Science.

MARY DUKE BIDDLE LECTURES

RALPH KIRKPATRICK, HARPSICHORDIST

Ralph Kirkpatrick, renowned harpsichordist and musicologist, will present a lecture-recital under the auspices of the Mary Duke Biddle Foundation on Friday, November 16 in the Music Room, East Duke Building, at 8:15 p.m. Entitled "Some thoughts on the Preparation of a Third Printing of Domenico Scarlatti" it will be illustrated by Mr. Kirkpatrick's playing of appropriate compositions at the harpsichord.

Mr. Kirkpatrick, a member of the faculty of the School of Music of Yale University, is regarded in many quarters as the world's greatest harpsichordist. Both a writer and a performer he presents the rare combination of both artist and scholar. He has made numerous concert appearances both in this country and in Europe and has recorded extensively both here and abroad. His book on Domenico Scarlatti is regarded as the definitive work on that composer.

His visit to Duke University will include the following events to which the University community is cordially invited:

Thursday, November 15

4:00 p.m., Music Room, East Duke Building. An informal discussion of the background of "The Well-Tempered Clavier" by J. S. Bach.

Friday, November 16

8:15 p.m., Music Room, East Duke Building. Mary Duke Biddle Lecture-Recital, "Some Thoughts on the Preparation of a Third Printing of Domenico Scarlatti." An informal reception in the East Duke Parlors will follow.

Saturday, November 17

8:15 p.m., Music Room, East Duke Building. Recital of the preludes and fugues of "The Well-Tempered Clavier, Book I" by J. S. Bach. Guest tickets for this recital may be purchased at the door from the Chamber Arts Society.

CHAMBER ARTS SOCIETY

RALPH KIRKPATRICK, HARPSICHORD MUSIC

The Chamber Arts Society announces the second concert of its season, to be given by **Ralph Kirkpatrick**, Harpsichordist, Saturday, November 17th, in the Music Room, East Duke Building at 8:15 p.m.

The program will include Twelve Preludes and Fugues from the First Book of **The Well-Tempered Clavier** (1722) by J. S. Bach.

ADMISSION will be By Membership Card or by single-admission **Guest Card** costing \$2.50. About 100 Guest Cards are available and may be obtained at the door of the Music Room on the evening of the concert, from 7:30 p.m. to 8:00 p.m.

Other chamber music concerts scheduled by the Society this season include:

Saturday, December 1 FINE ARTS QUARTET

Saturday, January 19 HERMANN PREY (Lieder)

Saturday, February 9 ALBENERI TRIO (Piano-Violin-Cello)

Saturday, March 9 DUO DI ROMA (Piano-Cello)

The Chamber Arts Society is a non-profit organization; membership is open to all persons. For further information address Chamber Arts Society, c/o Ernest W. Nelson, Box 6065 College Station, Durham, North Carolina.

DINING HALLS HOURS THANKSGIVING HOLIDAYS—1962

"A" Cafeteria will close after lunch on Tuesday, November 20th, and reopen for lunch on Monday, November 26th.

The Oak Room will close after dinner on Thursday night, November 22nd, and reopen for lunch on Monday, November 26th.

<i>Wednesday, November 21</i>	<i>Breakfast</i>	<i>Snack Bar</i>	<i>Lunch</i>	<i>Dinner</i>
Blue & White Room	7:00- 9:30	9:30-11:00	11:30-2:00 (Closed)	
University Room	7:15- 9:15		11:00-1:30 5:00-6:30	
Oak Room			11:30-2:00	5:00-7:00
<i>Thursday, November 22</i>				
University Room	8:30-11:00		11:30-2:00	5:00-7:00 (Buffet)
Oak Room			11:30-2:00	5:00-7:00 (Candlelight)
<i>Friday, November 23</i>				
University Room	7:30- 9:30	9:30-11:00	11:30-1:30	5:00-6:30
<i>Saturday, November 24</i>				
University Room	7:30- 9:30	9:30-11:00	11:30-1:30	5:00-6:30
<i>Sunday, November 25</i>				
Blue & White Room	8:30-11:00		11:30-1:30	5:00-7:00

DUKE FENCING CLUB MEETING

The Duke Fencing Club will meet each Tuesday at 7:30 p.m. on the Main Floor of Card Gymnasium. Equipment and instructions will be provided. The University Community is cordially invited to participate in these meetings.

1962 SYMPOSIUM: DIMENSIONS OF DEFENSE

From Sunday, November 11 through Wednesday, November 14 the Duke University 1962 Symposium entitled "Dimensions of Defense" will be taking place. The Duke community and some of the foremost thinkers of the nation will join in this Symposium in an endeavor to bring about a greater understanding of the complexity of the world situation, its gravity, policies and patterns. The speakers will be: Professor Thomas C. Schelling of Harvard University; Professor Kenneth E. Boulding of the University of Michigan; Dr. Charles E. Osgood of the University of Illinois and Mr. Allen W. Dulles, former director of the Central Intelligence Agency, who will deliver the keynote address. Also participating in the panels will be three Duke faculty members: Dr. Waldo Beach, Professor of Christian Ethics; Dr. I. B. Holley, Associate Professor of History; and Dr. Arthur Larson, Professor of Law and Director of the World Rule of Law Center.

The complete program is as follows:

The complete program is as follows:

Sunday, November 11

Introduction of Program, 8:15 p.m.

Roger Kissam, Dr. R. Taylor Cole, Provost

Keynote Address—Page Auditorium, 8:15 p.m.

"New Challenges to National Security"—Allen W. Dulles
Reception in Flowers Lounge following address.

Monday, November 12

Address—Page Auditorium, 7:30 p.m.

"Military Policy in a Dangerous World"—Thomas C. Schelling

Panel Discussion—Page Auditorium, 9:00 p.m.

"Disarmament"—Thomas C. Schelling, Kenneth E. Boulding, Charles E. Osgood, Arthur Larson, Bill Crain, Moderator.

Tuesday, November 13

Informal Coffees, 3:00 p.m.

FF Lounge—Kenneth E. Boulding

Freshman Lounge—Charles E. Osgood

Alumni Room, East Duke Building—Thomas C. Schelling

Address—Page Auditorium, 7:30 p.m.

"The Economics of National Defense"—Kenneth E. Boulding

Panel Discussion—Page Auditorium, 9:00 p.m.

"Crucial Decision for Defense: Policies and Implementations"—Kenneth E. Boulding, Charles E. Osgood, Thomas C. Schelling, I. B. Holley, Heath Boyer—Moderator

Wednesday, November 14

Informal Coffees, 3:00 p.m.

FF Lounge—Thomas C. Schelling

Freshman Lounge—Kenneth E. Boulding

Alumni Room, East Duke Building—Charles E. Osgood

Address—Page Auditorium, 7:30 p.m.

"Questioning Some Unquestioned Assumptions about National Defense"—Charles E. Osgood.

Panel Discussion—Page Auditorium, 9:00 p.m.

"Psychological and Ethical Aspects of Thermonuclear War"—Charles E. Osgood, Thomas C. Schelling, Kenneth E. Boulding, Waldo Beach, Bill Nichols—Moderator

EAST CAMPUS BABY SITTING SERVICE FOR FACULTY

Each faculty member has been sent an information sheet concerning the East Campus Dormitory sitter

service for their children, sponsored by the Special Service Committee of the Student Union. The co-eds have expressed enthusiasm for this work and hope that the faculty will utilize this service.

ADVANCE NOTICE

CEREBRAL PALSY FOOTBALL CLASSIC

The 10th Annual Cerebral Palsy Football Classic between Duke's Blue Imps and the University of North Carolina's Tar Babies will be sponsored this year for the second time by the Durham Cerebral Palsy Foundation and the Durham Junior League on November 22nd in the Duke Stadium.

Kickoff for the game will be at 2:00 p.m. Tickets will cost \$1.00 during advance sales and \$1.50 at game time.

In addition to exciting freshman football, the Durham Automobile Dealers Association is donating a 1963 compact car which will be awarded to the ticket-holder whose number is selected at the half.

CAMPUS TOURS

The YMCA Campus Co-operative Committee announces the schedule for the regularly scheduled Chapel Tours as being 2:00-4:00 p.m. Monday through Friday. Extensive Tours of the Chapel and the Central Campus may be arranged by writing to Bill Allsbrook, Box 9079, Duke Station.

MUSIC NOW

The Department of Music is pleased to announce that WUNC-TV (Chapel Hill, Channel 4) is presenting a rerun of **Music Now**, a series of ten programs dealing with the most important influences and trends in twentieth century music.

Host of the series is Iain Hamilton, British composer and Mary Duke Biddle Professor of Music at Duke University. Included in the series are interviews with composers Vincent Persichetti and Vittorio Giannini who were visiting Mary Duke Biddle Lecturers last year at Duke. The series was produced by WUNC-TV in co-operation with the Duke University Department of Music. Performers of the musical illustrations are primarily faculty members of the Duke University Department of Music. The North Carolina String Quartet and Ethel Casey, Soprano from Raleigh, North Carolina, were also presented.

The current program is:

November 16: "Vincent Persichetti"

All programs may be seen on successive Friday evenings at 9:30 p.m. or on Sunday evenings at 7:30 p.m.

WEEK OF
Nov. 18-24, 1962

CALENDAR

WEEK OF
Nov. 18-24, 1962

OF

DUKE UNIVERSITY



Events of the Week

Sunday, Nov. 18

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Charles Thomas Chapman, Guest Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "Come, Ye Thankful People, Come." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Guest Carillon Recital. Carillonneur: Charles Thomas Chapman, Luray Singing Tower, Luray, Virginia.

Monday, Nov. 19

3:00-5:00 p.m. Student Union Talent Bureau Auditions. Woman's College Auditorium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

7:00-9:00 p.m. Student Union Talent Bureau Auditions. Woman's College Auditorium.

8:15 p.m. Parapsychology Laboratory Lecture Series. Speaker: Dr. J. P. Pratt. Music Room, East Duke Building.

Tuesday, Nov. 20

10:10 a.m. Divinity School Chapel. York Chapel. The Reverend John T. Maides, Asbury Methodist Church, Speaker. Professor Harmon Smith, Presiding.

12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

2:00 p.m. The final examination of Mr. Robert L. Ganyard for the Ph.D. degree in History. Library Conference Room.

3:00-5:00 p.m. Student Union Talent Bureau Auditions. Woman's College Auditorium.

4:15 p.m. Zoology Seminar. Speaker: Dr. Stephen W. Kuffer. Auditorium of Biological Sciences Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

7:00-9:00 p.m. Student Union Talent Bureau Auditions. Woman's College Auditorium.

7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.

8:15 p.m. Duke Symphony Orchestra Concert: Joseph Pepper, soloist. Page Auditorium.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

Wednesday, Nov. 21

10:10 a.m. Divinity School Chapel. York Chapel. Thanksgiving Service. Professor Thor Hall.

4:15 p.m. Botany Seminar. Speaker: Dr. Bostwick H. Ketchum. Room 111 Biological Sciences Building (Auditorium).

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

NOTE: No Quadrangle Pictures will be shown this week.

Thursday, Nov. 22

2:00 p.m. Cerebral Palsy Football Classic: Duke Imps versus U.N.C. Tar Babies. Stadium.

5:30-6:15 p.m. Thanksgiving Dinner. Gilbert-Addoms Dormitory.

Friday, Nov. 23

5:30-6:15 p.m. Buffet Dinner. Gilbert-Addoms Dormitory.

Saturday, Nov. 24

2:00 p.m. Varsity Football: Duke versus University of North Carolina. Chapel Hill.

NOTE: No Quadrangle Pictures will be shown this week.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the sermon at the University Service of Worship on Sunday, November 18th, at 11:00 a.m. in the University Chapel. His subject will be "Come, Ye Thankful People, Come."

The order of service follows:

The Presiding Minister is The Reverend Howard C. Wilkinson, Chaplain to the University.

Opening Organ Voluntary—Toccata *Muffat*
Two Chorale Preludes *Johann Hanff*

Choral Adoration—"Sanctus" from Mass II *Hassler*
Hymn—"We Gather Together" *Edward Kremser*

Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"And He Shall Purify" (from *The Messiah*) *Handel*

Scripture Lesson—Psalm 136:1-9; 23-26

Hymn—"Come, Ye Thankful People, Come" *George J. Elvey*
Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Let Thy Holy Presence" *Tschesnokoff*

Response—The Doxology

Prayer of Dedication

Sermon—"Come, Ye Thankful People, Come"

Prayer

Benediction

Choral Response—"Sevenfold Amen"

Stainer

The Chimes

Closing Organ Voluntary—Fugue in E Flat (The St. Anne)

Bach

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 9:00 P.M., Center, Open House. Tuesday, 12:30 P.M., Center, Luncheon followed by the second in a series on "Religious Insights in Secular Thought"—Friedrich Nietzsche. Mr. Harry Smith will be the speaker. **November 22-25**—International Student Retreat at Williamsburg Lodge, Williamsburg, Virginia.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 8:00 P.M., 208 Flowers Building, A lecture on Christian Science, entitled "The Origin and Power of Thought," to be delivered by Paul Stark Seeley, CSB, of Seattle, Washington. Mr. Seeley is a member of the Board of Lectureship of The Mother Church, The First Church of Christ, Scientist, in Boston, Massachusetts.

EPISCOPAL UNIVERSITY CENTER: Sunday (Twenty-second Sunday after Trinity), 9:30 A.M., Holy Communion, Chapel of St. Michael and All Angels; 5:30 P.M., Evening Prayer. Canterbury and the Westminster Fellowship will meet at the Episcopal Center for part II of a program on The Vatican Council. All interested persons in the University are invited. Supper will be served at 6:00 P.M. **Wednesday, 7:10 A.M.,** Holy Communion. There will be no celebration at 5:30 P.M. Thursday (Thanksgiving Day), 9:30 A.M., Holy Communion. All persons who remain at Duke for the holidays are invited to attend. In addition, there will be a celebration of Holy Communion on Sunday, November 25, at 9:30 A.M.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room, East Duke Building, East Campus, Don Herb, Regional Secretary for Lutheran Student Work, will speak on "Campus Life and Sex Situations." Mr. Herb is a specialist in the field of campus counseling.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Center, Study Groups; 6:00 P.M., Worship—Jack Carroll, preacher; 7:00 P.M., Forum—"Prejudice and Reconciliation." The Reverend Hank Elkins, Chaplain at North Carolina College, will lead a discussion which will center on recent events in the Durham community.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, Joint meeting with Canterbury. Meet at Episcopal Student Center for supper at 5:30 P.M.

UNITED STUDENT FELLOWSHIP (Open to all Congregational Christian, Evangelical and Reformed, United Church of Christ, and Disciples of Christ students): **Sunday,** Meet tonight for "dutch-treat" supper and informal discussion at the Null and Void Coffee House. East Campus students are requested to take the Duke University via Univ. Apartments bus leaving East Campus at 5:45 P.M. West Campus and Hanes House students are requested to take the same bus, leaving West Campus at 5:50 P.M.

GUEST CARILLON RECITAL

A guest carillon recital will be presented on Sunday, November 18th, at 4:00 p.m. in the Duke University Chapel by Charles T. Chapman, distinguished Carillonneur of the "Luray Singing Tower," Luray, Virginia. The public is cordially invited to hear the recital. Mr. Chapman played the Presidential Inaugural Program on the Dutch Carillon in Washington, in 1957, and also was the carillonneur for the President's Christmas Tree Lighting Programs, 1954-56.

A graduate of the University of Virginia, the Peabody Conservatory of Music, Johns Hopkins University, and the Washington Musical Institute, Mr. Chapman studied the carillon with Anton Brees, of the Bok Tower, Lake Wales, Florida.

PARAPSYCHOLOGY LABORATORY LECTURE SERIES

The Parapsychology Laboratory announces a series of four public lectures to be given during the academic year. On Monday, November 19th, at 8:15 p.m. in the Music Room, East Duke Building, the initial lecture will be presented by Dr. J. P. Pratt, speaking on the topic: "Parapsychology in Communist Europe." All members of the University Community are invited to attend the lectures.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Robert L. Ganyard for the Ph.D. degree in History will be held on Tuesday, November 20th, at 2:00 p.m. in the Library Conference Room. The subject of Mr. Ganyard's dissertation is "North Carolina during the American Revolution, The First Phase, 1774-1777." The committee to conduct the examination consists of Professors Robert H. Woody, William B. Hamilton, Harold T. Parker, James M. Smith, and Robert S. Rankin (Minor). Professor Woody will preside.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold a special seminar on Tuesday, November 20th, in the auditorium of the Biological Sciences Building at 4:15 p.m. Dr. Stephen W. Kuffler from Harvard Medical School will speak on the "Varying Types of Neural Inhibition." Coffee and tea will be served in the foyer at 4:00 preceding the seminar.

DUKE SYMPHONY ORCHESTRA FALL CONCERT

The fall concert of the Duke Symphony Orchestra, Allan Bone, Conductor, will be presented in Page Auditorium on Tuesday, November 20th, at 8:15 p.m. Featured on the program will be Joseph Pepper, Visiting Artist of the Department of Music, in Brahms' Concerto in D Major for Violin and Orchestra. A concert violinist and native of New York City, Mr. Pepper has been affiliated with the Philadelphia Symphony Orchestra and assistant concertmaster of the St. Louis Symphony Orchestra. In 1960 he made an extended recital tour of New Zealand and Australia. Recently he has held professional appointments in Los Angeles and New York City where he has been active as a soloist and chamber music player and has done much recording of modern music. Among Mr. Pepper's activities at Duke are the direction of the newly formed Duke String Quartet and his participation with the Duke Symphony Orchestra as its concertmaster.

Advance sale of tickets for the concert are available in 106 Asbury Building at \$.50 each; at the door, they will be \$1.00. The program will be as follows:

A Thanksgiving Overture (1958)	Earl George
Symphony No. 4 in B flat Major, Opus 60	Beethoven
Adagio-Allegro vivace	
Adagio	
Allegro vivace	
Allegro ma non troppo	

INTERMISSION

Concerto in D Major for Violin and Orchestra, Opus 77	Brahms
Allegro non troppo	
Adagio	
Allegro giocoso, ma non troppo vivace	
Joseph Pepper, Soloist	
Capriccio Espagnole, Opus 34	Rimsky-Korsakov
Alborada	
Variazioni	
Alborada	
Scena e canto gitano	
Fandango austuriano	

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, November 28th at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium) West Campus. The seminar speaker will be Dr. Bostwick H. Ketchum, Associate Director of the Woods Hole Oceanographic Institution. His title will be "Plankton Populations in Coastal Waters." Dr. Ketchum is a well known investigator in the field of marine biology.

Refreshments will be served at 4:00 p.m. preceding the meeting.

CEREBRAL PALSY FOOTBALL CLASSIC

The 10th Annual Cerebral Palsy Football Classic between Duke's Blue Imps and the University of North Carolina's Tar Babies will be sponsored this year for the second time by the Durham Cerebral Palsy Foundation and the Durham Junior League on November 22nd in the Duke Stadium.

Kickoff for the game will be at 2:00 p.m. Tickets will cost \$1.00 during advance sales and \$1.50 at game time.

In addition to exciting freshman football, the Durham Automobile Dealers Association is donating a 1963 compact car which will be awarded to the ticket-holder whose number is selected at the half.

THANKSGIVING SCHEDULE FOR LIBRARIES

Thanksgiving Day, November 22nd, will be a holiday. All libraries will remain closed. The General Library will be open and operating according to the following schedule during the Thanksgiving recess:

Wednesday, November 21	8:00 a.m.-5:00 p.m.
Thursday, November 22	closed
Friday, November 23	8:00 a.m.-5:00 p.m.
Saturday, November 24	8:00 a.m.-1:00 p.m.
Sunday, November 25	closed
Monday, November 26	Resume regular schedule

Woman's College Library will follow the following schedule:

Wednesday, November 21	8:00 a.m.-5:00 p.m.
Thursday, November 22	closed
Friday, November 23	9:00 a.m.-5:00 p.m.
Saturday, November 24	9:00 a.m.-1:00 p.m.
Sunday, November 25	closed
Monday, November 26	Resume regular schedule

Schedules for other campus libraries will be posted in those libraries.

THANKSGIVING DINNER AND BUFFET

Those remaining on campus during the Thanksgiving recess will be interested in learning of plans for a Thanksgiving dinner on Thursday, November 22nd and a buffet dinner on Friday, November 23rd. Both events will be held in the Gilbert-Addoms Dormitory during the hours of 5:30-6:15 p.m. and tickets priced at \$1.40 for visitors may be secured at the cashier's desk East Union and Gilbert-Addoms Dormitory.

MUSIC NOW

WUNC-TV (Chapel Hill, Channel 4) is presenting a rerun of **Music Now**, a series of ten programs dealing with the most important influences and trends in twentieth century music.

Host of the series is Iain Hamilton, British composer and Mary Duke Biddle Professor of Music at Duke University. The series was produced by WUNC-TV in co-operation with the Duke University Department of Music. Performers of the musical illustrations are primarily faculty members of the Duke University Department of Music. The North Carolina String Quartet and Ethel Casey, Soprano from Raleigh, North Carolina, were also presented. The current programs are:

November 18: "Interview with Vincent Persichetti"

November 23: "Hindemith"

All programs may be seen on successive Friday evenings at 9:30 p.m. or on Sunday evenings at 7:30 p.m.

ART EXHIBITIONS

The members of the University Community are extended a cordial invitation to view the most recent of the continuous showing of art exhibitions being held in the Gallery of the Woman's College Library and the Lounge of the West Union Building during the hours of 8:30 a.m. until 10:00 p.m. daily. Under the dual sponsorship of the Art Department and the Student Union Fine Arts Committee, the exhibits are open to the public without charge. Gaillard F. Ravenel, '63, is director of exhibitions.

In the West Union Lounge until November 20th **European Prints Today**, a loan exhibition from the Achenbach Foundation for Graphic Arts, California Palace of the Legion of Honor, may be seen. This exhibition explores the modern techniques employed by today's leading artists in the field of color lithography. Designed to familiarize the viewer in the most advanced trends in modern graphics, the exhibit includes works from almost all of the well-known names in modern art.

On East Campus in the Library Gallery one may see a unique exhibition of **Naïve Painters of Latin America** bringing together for the first time a comprehensive representation of the works being done by the naïve artist of contemporary Latin America as well as important works assembled from the major collections of primitive painting from the United States and Latin America. A special catalogue has been prepared to accompany this exhibition with an introduction by Dr. Ramon G. Osuna Pla of the Pan American Union.

DINING HALLS HOURS THANKSGIVING HOLIDAYS—1962

"A" Cafeteria will close after lunch on Tuesday, November 20th, and reopen for lunch on Monday, November 26th.

The Oak Room will close after dinner on Thursday night, November 22nd, and reopen for lunch on Monday, November 26th.

<i>Wednesday, November 21</i>	<i>Breakfast</i>	<i>Snack Bar</i>	<i>Lunch</i>	<i>Dinner</i>
Blue & White Room	7:00- 9:30	9:30-11:00	11:30-2:00	(Closed)
University Room	7:15- 9:15		11:00-1:30	5:00-6:30
Oak Room			11:30-2:00	5:00-7:00
<i>Thursday, November 22</i>				
University Room	8:30-11:00		11:30-2:00	5:00-7:00 (Buffet)
Oak Room			11:30-2:00	5:00-7:00 (Candlelight)
<i>Friday, November 23</i>				
University Room	7:30- 9:30	9:30-11:00	11:30-1:30	5:00-6:30
<i>Saturday, November 24</i>				
University Room	7:30- 9:30	9:30-11:00	11:30-1:30	5:00-6:30
<i>Sunday, November 25</i>				
Blue & White Room	8:30-11:00		11:30-1:30	5:00-7:00

YMCA-YWCA THANKSGIVING SEMINARS

The Duke University YMCA and YWCA will sponsor two seminars in New York City during Thanksgiving Vacation.

The United Nations Seminar will be held at the United Nations where the group will talk with representatives of different countries about current problems facing the United Nations.

The Theater: Critic of Society? Seminar will attend three plays: "The Blacks," "A Thousand Clowns," and "Who's Afraid of Virginia Woolf?" They will talk with actors, critics and directors and will spend time in agencies in East Harlem, Greenwich Village, and the lower East Side. Sixty-six Duke students will participate in the program.

REMINDER OF DEADLINE DATE FOR NATO APPLICATIONS

The deadline date for applications for N. A. T. O. research grants in the areas of history, political, economic and social problems is drawing close.

Applications and additional information may be obtained from the Conference Board of Associated Research Councils, Committee on International Exchange of Persons, 2101 Constitution Avenue, Washington 25, D. C.

Applications must be submitted no later than November 20, 1962.

FALL 1962-63 EXAMINATION SCHEDULE

Any student having a schedule of three exams within twenty-four hours or two exams at the same time must report to the Deans' Office **NOT LATER THAN JANUARY 4th**, to request a change in schedule.

Saturday January 12	2:00- 3:00 p.m.	Physical Education
Monday January 14	Reading Period	No examination scheduled
Tuesday January 15	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	MWF 3 English 1, 2 Psychology 91
Wednesday January 16	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	MWF 2 History 1, 1X, 5 Economics 57
Thursday January 17	9:00-12:00 noon 2:00- 5:00 p.m.	MWF 1 MWF 5, Naval Science
Friday January 18	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	MWF 6 Math 11, 17, 63 Philosophy 41, 48
Saturday January 19	9:00-12:00 noon 2:00- 5:00 p.m.	MWF 4 All Language 1 Engineering 1.1-1.4
Monday January 21	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	TTS 4 Chemistry 1 Botany 1
Tuesday January 22	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	TTS 3 Physics 1, 41 Political Science 11, 61
Wednesday January 23	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	TT 6 Math 21, 22, 41 Economics 51
Thursday January 24	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	TTS 1 Religion 1 Air Science
Friday January 25	9:00-12:00 noon 2:00- 5:00 p.m.	TTS 2 French, Spanish 63 Engineering 1.5-1.8

Engineering courses, other than Engineering 1, will meet for examination at the regular class periods.

Chemistry (except Chemistry 1) and Zoology classes meet for examination at the time scheduled for their general lecture period. Any examination not covered in the foregoing schedule is to be arranged by the instructor in charge of the course in the period beginning January 15th, at 9:00 a.m. and ending January 25th, at 5:00 p.m. No examination is to be given before 9:00 a.m., January 15th, with the exception of physical education. No change is to be made in any scheduled examination without the approval of the committee.

1963 DUKE CALENDARS

The pictorial DUKE CALENDAR for 1963, published by the Social Standards Committee of East Campus is now on sale. Copies may be purchased on West Campus through the Alumni Office, 106 Union Building, and on East Campus through Dean Wilson's office, 108 East Duke Building, or from the Social Standards Committee representatives in all the East Campus dormitories. The price of the calendar is \$1.50 per copy.

**ADVANCE NOTICE
STUDENT UNION YOUNG ARTIST SERIES
PRESENTS "PHAKAVALI, DANCERS OF
THAILAND"**

Beginning the Student Union "Young Artist Series" for the current year will be a performance by the "Phakavali, Dancers of Thailand" on Tuesday, November 27th, in Page Auditorium at 8:15 p.m. The same evening at 7:00 p.m. in Room 208 Flowers Building a seminar on Thai dancing and music will precede the concert and will be conducted by the distinguished leaders of the company with demonstrations by members of the cast in costume. There is no admission charged for the seminar and tickets for the performance will be priced at \$1.00 general admission available at the Page Box Office on November 19th and 20th and on November 26th and 27th from 2:00-5:00 p.m.

The Phakavali Company with the Pi-Phat Orchestra come from Bangkok and are in this country under the auspices of the Asia Society Performing Arts Company, who last year made possible the performance of Indrani and her company of Dancers and Musicians. Under the leadership of one of Thailand's leading composers, Prasidh Silapabanleng, and Ladda Sila-

pabanleng, its dance director, the Phakavali dancers and musicians are lifetime-trained from early childhood. The repertoire ranges from classical dance-dramas and court dances to mask and sword dances with costumes which are breathtaking in their brilliance and beauty. The Pi-Phat Orchestra is comprised of a small number of soloists whose instruments include two types of blowing instruments similar to the flute and oboe and a kind of xylophone with keys of bamboo. The music itself is exotic and haunting based on the theoretical five tones with innumerable rhythms and tempos.

**ADVANCE NOTICE
PRESENTATION OF GENERAL LIBRARY
BUILDING PLANS**

Preliminary plans for the proposed General Library Building will be presented to the faculty for discussion and advice on Thursday afternoon, November 29, at 4 o'clock, in the Auditorium of the College of Engineering. All interested members of the faculty are invited to attend the meeting.

WEEK OF
Nov. 25-Dec. 1, 1962

CALENDAR

WEEK OF
Nov. 25-Dec. 1, 1962

OF

DUKE UNIVERSITY



Events of the Week

Sunday, Nov. 25

11:00-11:30 a.m. Devotional Service. University Chapel. Presiding: The Reverend Professor James T. Cleland, Dean of the Chapel.

Monday, Nov. 26

3:30 p.m. The final examination of Mr. James Carlton Kimberly for the Ph.D. degree in Sociology. Room 103 Library.

4:00 p.m. Chemistry Staff Seminar. Speaker: Dr. George M. Brown. Room 01 Chemistry Building.

4:15 p.m. Zoology Departmental Seminar. Biological Sciences Building Auditorium. Speaker: Dr. Ralph W. Stacy.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

Tuesday, Nov. 27

10:10 a.m. Divinity School Chapel. York Chapel. Professor William Poteat.

4:00 p.m. Mathematics Seminar. Room 114 Physics Building. Speaker: Dr. Joseph R. Shoenfield.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

7:00 p.m. Student Union Pre-Young Artists Series Seminar: Thai Dancing. Room 208 Flowers Building.

7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.

8:15 p.m. Student Union Young Artists Series. "Phakavali, Dancers of Thailand." Page Auditorium.

Wednesday, Nov. 28

10:10 a.m. Divinity School Chapel. York Chapel. Professor William Poteat.

4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building Auditorium. Speaker: Dr. Bostwick H. Ketchum.

4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Fritz Heider.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

7:30 p.m. Quadrangle Pictures. Page Auditorium. (NOTE: One showing each night due to length of film.) "LA DOLCE VITA" with Anita Ekberg and Marcello Mastroianni and directed by Federico Fellini. "The most brilliant of all movies that have attempted to portray the modern temper."—*Sat. Review*. "Unquestionably a cinematic landmark."—*Christian Science Monitor*. Winner of New York Film Critics Award "Best Foreign Film of the Year."

Thursday, Nov. 29

- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. Jim Waddell.
- 11:30 a.m. Civil Engineering Seminar. Room 120 Engineering Building. Speaker: Mr. Jesse Q. Ozbolt.
- 12:30 p.m. Plant Ecology Seminar. Room 114 Biological Sciences Building. Speaker: Mr. David Scott.
- 2:30 p.m. Presentation of General Library Building Plans. Auditorium of the College of Engineering.
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00 p.m. Academic Council Meeting. Room 208 Flowers Building.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 7:00 p.m. Student Union Pre-Artists Series Seminar. Room 208 Flowers Building.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:00 p.m. Duke-U. N. C. Philosophy Colloquium. Faculty Lounge of the Morehead Planetarium, Chapel Hill, North Carolina. Speaker: Dr. Erwin Straus.
- 8:15 p.m. West campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Artists Series: THE GOLDOVSKY GRAND OPERA THEATER. "La Traviata." Page Auditorium.

Friday, Nov. 30

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor William Poteat.
- 4:15-6:00 p.m. Duke Marching Band Practice. Coombs Field.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members and students. Faculty

daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.

Saturday, Dec. 1

- 10:00 a.m. The final examination of Mr. Cyrus Murray Johnson for the Ph.D. degree in Sociology. Room 103 Library.
- 6:15 p.m. Freshman Basketball: Duke versus Davidson College. Indoor Stadium.
- 7:30 p.m. Quadrangle Pictures. Page Auditorium. (NOTE: One showing each night due to length of film.) "LA DOLCE VITA" with Anita Ekberg and Marcello Mastroianni and directed by Federico Fellini. "The most brilliant of all movies that have attempted to portray the modern temper."—*Sat. Review*. "Unquestionably a cinematic landmark."—*Christian Science Monitor*. Winner of New York Film Critics Award "Best Foreign Film of the Year."
- 8:15 p.m. Chamber Arts Society: Fine Arts String Quartet. Music Room, East Duke Building.
- 8:15 p.m. Varsity Basketball: Duke vs. Davidson College. Indoor Stadium.
S. U. Candlelight Cabaret. Union Ballroom. Following basketball game.

CHAPEL DEVOTIONAL SERVICE

The regular University Service of Worship will not be held on Sunday, November 25th, as this date is within the Thanksgiving academic recess. However, a thirty-minute service of devotional music, prayers, and Scripture readings will be conducted in the Chapel, between 11:00 and 11:30 a.m., for the benefit of those who expect to be on campus during the Thanksgiving recess. The Reverend Professor James T. Cleland, Dean of the Chapel, will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. James Carlton Kimberly for the Ph.D. degree in Sociology will be held on Monday, November 26th, at 3:30 p.m. in Room 103 Library. The subject of Mr. Kimberly's dissertation is "An Experimental Test of a Theory of Status Equilibration." The committee to conduct the examination consists of Professors Kurt W. Back, Alan C. Kerekhoff, John C. McKinney, Donald F. Roy, and Jack W. Brehm. Professor Back will preside.

CHEMISTRY STAFF SEMINAR

Dr. George M. Brown from the Oak Ridge National Laboratory, Oak Ridge, Tennessee will speak at the Chemistry Staff Seminar on Monday, November 26th, at 4:00 p.m. in Room 01 Chemistry Building. The subject of Dr. Brown's address will be "Some Recent Determinations of Crystal Structures by Neutron Diffraction." All interested persons are invited to attend.

ZOOLOGY DEPARTMENTAL SEMINAR

The Zoology Department will hold its weekly seminar on Monday, November 26th, in the Auditorium of the Biological Sciences Building at 4:15 p.m. Dr. Ralph W. Stacy from the Institute of Statistics, State College Section, Raleigh, North Carolina will speak on "Mathematics and Physics in the Basic Biological Sciences." Coffee and tea will be served in the foyer at 4:00 p.m. preceding the seminar.

MATHEMATICS SEMINAR

On Tuesday, November 27th, the Mathematics Seminar will be held in Room 114 Physics Building at 4:00 p.m. Dr. Joseph R. Shoenfield will speak on "Ultraproducts." Coffee will be served at 3:30 p.m. in Room 128.

STUDENT UNION YOUNG ARTIST SERIES PRESENTS "PHAKAVALI, DANCERS OF THAILAND"

Beginning the Student Union "Young Artist Series" for the current year will be a performance by the "Phakavali, Dancers of Thailand" on Tuesday, November 27th, in Page Auditorium at 8:15 p.m. The same evening at 7:00 p.m. in Room 208 Flowers Building a seminar on Thai dancing and music will precede the concert and will be conducted by the distinguished leaders of the company with demonstrations by members of the cast in costume. There is no admission charged for the seminar and tickets for the performance will be priced at \$1.00 general admission available at the Page Box Office on November 26th and 27th from 2:00-5:00 p.m.

The Phakavali Company with the Pi-Phat Orchestra come from Bangkok and are in this country under the auspices of the Asia Society Performing Arts Company, who last year made possible the performance

of Indrani and her company of Dancers and Musicians. Under the leadership of one of Thailand's leading composers, Prasad Silapabanleng, and Ladda Silapabanleng, its dance director, the Phakavali dancers and musicians are lifetime-trained from early childhood. The repertoire ranges from classical dance-dramas and court dances to mask and sword dances with costumes which are breathtaking in their brilliance and beauty. The Pi-Phat Orchestra is comprised of a small number of soloists whose instruments include two types of blowing instruments similar to the flute and oboe and a kind of xylophone with keys of bamboo. The music itself is exotic and haunting based on the theoretical five tones with innumerable rhythms and tempos.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, November 28th at 4:15 p.m. in Room 111 Biological Sciences Building Auditorium. The seminar speaker will be Dr. Bostwick H. Ketchum, Associate Director of the Woods Hole Oceanographic Institution. His subject will be "Plankton Populations in Coastal Waters." Dr. Ketchum is a well-known investigator in the field of marine biology. Refreshments will be served at 4:00 p.m. preceding the meeting.

PSYCHOLOGY COLLOQUIUM

There will be a Psychology Colloquium on Wednesday, November 28th, at 4:30 p.m. in Room 209 Bivins Building. The speaker will be Dr. Fritz Heider of the University of Kansas, who is presently serving as William Preston Few Professor at Duke University during 1962-'63. His subject will be "Forms of Conflict." Coffee will be served at 4:00 p.m.

CIVIL ENGINEERING SEMINAR

Mr. Jesse Q. Ozbolt of the Civil Engineering Department will speak at the Civil Engineering Seminar on Thursday, November 29th, at 11:30 a.m. in Room 120 of the Engineering Building. The subject of Mr. Ozbolt's address will be "Vacuum Concrete Strength Variation with Distance from Vacuum Face." All interested persons are cordially invited to attend.

PLANT ECOLOGY SEMINAR

Mr. David Scott will present the first of two lectures on "Quantitative Techniques in Ecology" at this week's Plant Ecology Seminar. Lecture 1, "The Use of the Computer," will introduce the audience to the digital computer as an aid in solving some of the quantitative problems of the ecologist. Mr. Scott hails from New Zealand, is a Fulbright Scholar, and is taking his Ph.D. in Botany. The seminar will meet on Thursday, November 29th, at 12:30 p.m. in Room 144 Biological Sciences Building. The University Community is invited to attend.

PRESENTATION OF GENERAL LIBRARY BUILDING PLANS

Preliminary plans for the proposed General Library Building will be presented to the faculty for discussion and advice on Thursday, November 29th, at 2:30 p.m. in the Auditorium of the College of Engineering. This marks a change in the meeting time announced in last week's Calendar.

ACADEMIC COUNCIL MEETING

The Academic Council will meet on Thursday, November 29th, at 4:00 p.m. in Room 208 Flowers Building.

DUKE-U. N. C. PHILOSOPHY COLLOQUIUM

The Duke-U. N. C. Philosophy Colloquium will meet Thursday, November 29th, at 8:00 p.m. in the Faculty Lounge of the Morehead Planetarium, Chapel Hill. The speaker will be Dr. Erwin Straus, Research Consultant of the Veterans Hospital in Lexington, Kentucky and Clinical Professor of Psychiatry at the University of Kentucky Medical School. His subject will be "Philosophy and Psychiatry." Interested members of the University Community are invited to attend.

ARTIST SERIES "LA TRAVIATA"

The second concert of the 1962-63 Artists Series, The Goldovsky Grand Opera Theater's presentation of Verdi's "La Traviata," will take place on Thursday, November 29th, at 8:15 p.m. in Page Auditorium. In the world of opera, no other work has remained so constantly in the repertoire of opera houses everywhere as Verdi's beloved, "La Traviata." Based on Alexander Dumas' drama, "The Lady of the Camellias," "La Traviata," pours forth one favorite aria

after another in a rare combination of intense drama, tender love scenes and gay ballroom revelry. It has always had a deep hold on opera audiences since its premiere in Venice in 1853. Its music remains as fresh and vital, its drama as powerful as the day it was conceived.

In English, this brilliant new production demonstrates that opera is living theater. This is exemplified by the company of fifty singers, orchestra, and chorus in this fully staged presentation of grand opera.

A Student Union Pre-Artists Series seminar will precede the concert at 7:00 p.m. in Room 208 Flowers Building. Mrs. Eugenia Saville of the Music Department will be the speaker for the seminar. The public is cordially invited to attend.

Reserve seat tickets are available priced at \$2.00. They may be secured by coming to Room 202-A Flowers Building or by calling 681-0111 extension 2911.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Cyrus Murray Johnson for the Ph.D. degree in Sociology will be held on Saturday, December 1st, at 10:00 a.m. in Room 103 Library. The subject of Mr. Johnson's dissertation is "Family Patterns and Occupational Success Orientation." The committee to conduct the examination consists of Professors Alan C. Kerekhoff, John C. McKinney, Donald F. Roy, Edgar T. Thompson, and W. H. Cartwright (Minor). Professor Kerekhoff will preside.

MUSIC NOW

WUNC-TV (Chapel Hill, Channel 4) is presenting a rerun of **Music Now**, a series of ten programs dealing with the most important influences and trends in twentieth century music.

Host of the series is Iain Hamilton, British composer and Mary Duke Biddle Professor of Music at Duke University. The series was produced by WUNC-TV in co-operation with the Duke University Department of Music. Performers of the musical illustrations are primarily faculty members of the Duke University Department of Music. The North Carolina String Quartet and Ethel Casey, Soprano from Raleigh, North Carolina, were also presented. The current programs are:

November 25th: "Hindemith"

November 30th: "Wedern and Berg"

All programs may be seen on successive Friday evenings at 9:30 p.m. or on Sunday evenings at 7:30 p.m.

CHAMBER ARTS SOCIETY FINE ARTS STRING QUARTET

The Chamber Arts Society announces the third concert of its season, to be played by the Fine Arts String Quartet, Saturday, December 1st, in the Music Room, East Duke Building at 8:15 p.m. The musicians are Leonard Sorkin and Abram Loft (Violins), Irving Ilmer (Viola), and George Sopkin (Cello). The program will be as follows:

<i>Haydn</i>	Quartet in D major, Opus 20, No. 4
<i>Shostakovich</i>	Quartet No. 3, Opus 73
<i>Mendelssohn</i>	Quartet in E minor, Opus 44, No. 2

Admission: By membership card or by single-admission Guest Card costing \$2.50. About 100 Guest Cards are available and may be obtained at the door of the Music Room on the evening of the concert, from 7:30 to 8:00 p.m.

Other Chamber Music Concerts scheduled by the Society this season include:

Saturday, January 19th	Hermann Prey (Liederabend)
Saturday, February 9th	Albeni Trio (Piano-Violin-Cello)
Saturday, March 9th	Duo Di Roma (Piano-Cello)

The Chamber Arts Society is a non-profit organization; membership is open to all persons. For further information address Chamber Arts Society, c/o Ernest W. Nelson, Box 6065 College Station, Durham, N. C.

ADVANCE NOTICE ERASMUS CLUB MEETING

The Erasmus Club will meet at 8:00 p.m. on Monday, December 3rd, in the Green Room, East Duke Building. The speaker will be Iain Hamilton, Visiting Mary Duke Biddle Professor of Music, who will speak on "Art and Responsibility." All faculty members and graduate students are invited to attend.

ADVANCE NOTICE GOTHIC BOOKSHOP AUCTION

The Gothic Bookshop's 12th big book auction will be held on Wednesday, December 5th, in Room 208 Flowers Building. A catalogue of the many choice items to be auctioned will be available. The auction will start promptly at 6:30 p.m. and continues until about 10:30 p.m. This is an event which no book lover should miss.

ADVANCE NOTICE SPECIAL LECTURE IN SOCIOLOGY

The Department of Sociology and Anthropology will present Mr. Kenneth Burke in an open collo-

quium. Mr. Burke, a non-sociologist, is a distinguished humanist scholar, author, and literary critic. His topic will be "A Definition of Man." The lecture will be presented on Thursday, December 6th, at 8:00 p.m. in Room 114 Social Science Building. All members of the University Community are cordially invited to attend.

FALL 1962-63 EXAMINATION SCHEDULE

Any student having a schedule of three exams within twenty-four hours or two exams at the same time must report to the Deans' Office **NOT LATER THAN JANUARY 4th**, to request a change in schedule.

Saturday January 12	2:00- 3:00 p.m.	Physical Education
Monday January 14	Reading Period	No examination scheduled
Tuesday January 15	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	MWF 3 English 1, 2 Psychology 91
Wednesday January 16	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	MWF 2 History 1, 1X, 5 Economics 57
Thursday January 17	9:00-12:00 noon 2:00- 5:00 p.m.	MWF 1 MWF 5, Naval Science
Friday January 18	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	MWF 6 Math 11, 17, 63 Philosophy 41, 48
Saturday January 19	9:00-12:00 noon 2:00- 5:00 p.m.	MWF 4 All Language 1 Engineering 1.1-1.4
Monday January 21	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	TTS 4 Chemistry 1 Botany 1
Tuesday January 22	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	TTS 3 Physics 1, 41 Political Science 11, 61
Wednesday January 23	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	TT 6 Math 21, 22, 41 Economics 51
Thursday January 24	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	TTS 1 Religion 1 Air Science
Friday January 25	9:00-12:00 noon 2:00- 5:00 p.m.	TTS 2 French, Spanish 63 Engineering 1.5-1.8

Engineering courses, other than Engineering 1, will meet for examination at the regular class periods.

Chemistry (except Chemistry 1) and Zoology classes meet for examination at the time scheduled for their general lecture period. Any examination not covered in the foregoing schedule is to be arranged by the instructor in charge of the course in the period beginning January 15th, at 9:00 a.m. and ending January 25th, at 5:00 p.m. No examination is to be given before 9:00 a.m., January 15th, with the exception of physical education. No change is to be made in any scheduled examination without the approval of the committee.

ADVANCE NOTICE
GRADUATE FRENCH EXAMINATION

The French Examination for candidates for graduate degrees will be given January 4, 1963 in 125 Engineering Building at 4:00 p.m. Candidates register in the Graduate School Office for this examination not later than December 15, 1962.

PEACE CORPS NEEDS

Majors in Physics, Chemistry, Biology and Mathematics who will be available for training in February, 1963 are urgently needed to fill the requests from the Government of Ecuador for secondary-level teachers reporting for their school year beginning in April, 1963.

The purpose of this project, given high priority in the Peace Corps, is both the provision of badly needed teachers and the placement of non-tourist

Americans in close association with a student group which receives a generally anti-American orientation. Here, as in all projects, the volunteers will work within the "host" school system, but will be expected to devote considerable time to community activities beyond the school.

Application forms may be secured in Room 214 Allen Building.

1963 DUKE CALENDARS

The pictorial DUKE CALENDAR for 1963, published by the Social Standards Committee of East Campus is now on sale. Copies may be purchased on West Campus through the Alumni Office, 106 Union Building, and on East Campus through Dean Wilson's office, 108 East Duke Building, or from the Social Standards Committee representatives in all the East Campus dormitories. The price of the calendar is \$1.50 per copy.

WEEK OF
Dec. 2-8, 1962

WEEK OF
Dec. 2-8, 1962

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, Dec. 2

Denominational Meetings. See special notice.

- 10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.
- 11:00 a.m. University Service of Worship, University Chapel. Preacher: The Reverend Dr. Creighton Lacy, Associate Professor of World Christianity, The Divinity School. Sermon: "From Being Anxious or Secure." Broadcast over Radio Station WDNC and WDNC-FM.
- 4:00 p.m. Chapel Choir: "The Messiah." University Chapel.

Monday, Dec. 3

- 11:00 a.m. Duke University Medical Center Lecture. Room 3031 Duke University Medical Center. Speaker: Dr. Edwin Rosinski.
- 4:15 p.m. Zoology Seminar. Auditorium of the Biological Sciences Building. Speaker: Dr. John B. Buck.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:00 p.m. Erasmus Club Meeting. Green Room, East Duke Building.
- 8:15 p.m. Durham Civic Choral Society Concert. Woman's College Auditorium.

Tuesday, Dec. 4

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor John Strugnell.

- 12:45 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building. (Auditorium). Speaker: Dr. Robert W. Krauss.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00 p.m. Gerontology Seminar. Room 208 Flowers Building. Speaker: Dr. Gordon C. Ring.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 6:15 p.m. Freshman Basketball: Duke versus University of South Carolina. Indoor Stadium.
- 7:30 p.m. Duke Fencing Club Meeting. Main Floor. Card Gymnasium.
- 8:00 p.m. Phi Beta Kappa Fall Initiation. Union Ballroom.
- 8:15 p.m. Basketball: Duke versus University of South Carolina. Indoor Stadium.

Wednesday, Dec. 5

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor John Strugnell.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 6:30-11:00 p.m. Gothic Book Auction. Room 208 Flowers Building.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

- 7:30 p.m. Quadrangle Pictures. Page Auditorium. "LA DOLCE VITA" with Anita Ekberg and Marcello Mastroianni and directed by Federico Fellini. "The most brilliant of all movies that have attempted to portray the modern temper." —Sat. Review. "Unquestionably a cinematic landmark."—**Christian Science Monitor**. Winner of New York Film Critics Award "Best Foreign Film of the Year." (NOTE: **One showing** each night due to length of film.) Quadrangle Pictures, as at this date, is equipped with cinemascope projection.
- 7:45-10:00 p.m. S. U. Bridge Club. Green Room, East Duke Building.
- 8:15 p.m. Duke Players: "Fantasticks." Branson Auditorium.
- 8:15 p.m. S. U. Young Artists Series: Karl Wolfram, Lutenist and Singer. Music Room, East Duke Building.

Thursday, Dec. 6

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor John Strugnell.
- 11:30 a.m. Civil Engineering Seminar. Room 120 Engineering Building. Speaker: Mr. Charles A. Moore, Jr.
- 12:30 p.m. Plant Ecology Seminar. Room 144 Biological Sciences Building. Speaker: Dr. David Scott.
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:15-6:00 p.m. Duke Concert Band practice. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 5:30 p.m. Trinity College Historical Society. Men's Graduate Center. Dr. A. N. J. den Hollander.
- 8:30-11:30 p.m. Newcomers' Club Christmas Party. Union Ballroom.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:00 p.m. Special Lecture in Sociology. Room 114 Social Sciences Building. Speaker: Mr. Kenneth Burke.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Duke Players: "Fantasticks." Branson Auditorium.
- 8:15 p.m. Poetry Reading: Robert Watson. Room 208 Flowers Building.

Friday, Dec. 7

- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. Don Lewis.
- 4:00 p.m. Chemistry Staff Seminar. Room 01 Chemistry Building. Speaker: Dr. John W. LeMaistre.

- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. William J. McGuire.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their mothers.
- 8:15 p.m. Duke Players: "Fantasticks." Branson Hall.
- 8:15 p.m. Entertainment Internationale. Page Auditorium.

Saturday, Dec. 8

- 6:15 p.m. Freshman Basketball: Duke versus Atlantic Fleet. Indoor Stadium.
- 7:00 and 9:15 p.m. Quadrangle Pictures. Page Auditorium. THE MAN IN THE WHITE SUIT with Alec Guinness, Cecil Parker and Joan Greenwood. "Alec Guinness, our great master of the art of being funny, is off on another of his fantastic romps."—**World Tel. & Sun**. SPECIAL ADDED ATTRACTION: A Charlie Chaplin Scoop! The King of Comedy at his funniest in "TILLIE'S PUNCTURED ROMANCE," with those screen "greats" . . . Marie Dressler and Mabel Normand and The Original Keystone Cops. (Note: This is a forty minute featurette)
- 8:15 p.m. Duke String Quartet Concert. Music Room, East Duke Building.
- 8:15 p.m. Basketball: Duke versus Maryland. Indoor Stadium. S. U. Cabaret following game. Union Ballroom.
- 8:15 p.m. Duke Players: "Fantasticks." Branson Hall.
- 8:15 p.m. Duke String Quartet début concert. Music Room, East Duke Building.

DUKE UNIVERSITY MEDICAL CENTER LECTURE

On Monday, December 3rd, Dr. Edwin Rosinski, Associate Professor of Medical Education and Director of Research in Medical Education, Medical College of Virginia, will speak at 11:00 a.m. in Room 3031, Duke University Medical Center, on "The Evaluation of Clinical Performance." The Physical Therapy Department cordially invites the members of the University Community to attend Dr. Rosinski's lecture.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, December 3rd, in the auditorium of the Biological Sciences Building at 4:15 p.m. Dr. John B. Buck from the National Institutes of Health, Bethesda, Maryland, will speak on "Control of Flashing in Fireflies." Coffee and tea will be served in the foyer at 4:00 p.m. preceding the seminar.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Creighton Lacy, Associate Professor of World Christianity, The Divinity School, will deliver the sermon at the University Service of Worship on Sunday, December 2nd, at 11:00 a.m. in the University Chapel. His subject will be "From Being Anxious or Secure." The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister.

Opening Organ Voluntary—Three Chorale Preludes *Bach*
Choral Adoration—"Fanfare for Christmas Day" *Martin Shaw*
Hymn—"Joyful, Joyful, We Adore Thee" *Beethoven*
Prayer of Confession
Words of Assurance
The Lord's Prayer
Anthem—"And the Glory of the Lord" From *The Messiah*

Handel

Scripture Lesson—Philippians 4:4-13

Hymn—"O Come, O Come, Immanuel"

Ancient plain song, 13th century

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—"For Unto Us A Child Is Born" From *The Messiah*

Handel

Response—The Doxology

Prayer of Dedication

Sermon—"From Being Anxious or Secure"

Prayer

Benediction

Choral Response—"Sevenfold Amen"

Stainer

The Chimes

Closing Organ Voluntary—We All Believe In One God *Bach*

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 9:00 P.M., Center, Open House. Wednesday, 6:00 P.M., Center, Worship led by Reverend Robert P. Hyatt. Friday, 6:00 P.M., Center, Supper-seminars; new series including Biblical View of History, Christianity and Personality Theory, Reading and Discussion of Andersen's *For the Time Being*. After seminars there will be refreshments and Christmas tree decorating.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., East Duke Chapel.

EPISCOPAL UNIVERSITY CENTER: Sunday, 9:30 A.M., Holy Communion, Chapel of St. Michael and All Angels; 5:30 P.M., Evening Prayer; 6:00 P.M., Canterbury, supper and discussion. Wednesday, 7:10 A.M. and 5:30 P.M., Holy Communion.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room, East Duke Building, East Campus, L. S. A. discussion—"Management, Labor and People"—continuing series on "The Church in Contact with Culture and Society," led by L. S. A. President, Roger Erickson and Chaplain Shuford.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Study Groups; 6:00 P.M., Worship. Wednesday, 3:30 P.M., Wesley Players Workshop; 6:00 P.M., Holy Communion.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 5:30 P.M., Vespers, Supper, Program. The speaker will be Reverend Robert Martin, Assistant to the President, Union Theological Seminary; discussion will follow.

UNITED STUDENT FELLOWSHIP (Open to all Congregational Christian, Evangelical and Reformed, United Church of Christ, and Disciples of Christ students): **Sunday** (Dec. 2), Supper at the home of the Advisors, Dr. and Mrs. Donald J. Fluke, 2703 Sevier Street. Cars will pick up students at East Campus Circle at 6:00 P.M., at Hanes House at 6:10 P.M., and at the Chapel Steps at 6:15 P.M. All persons planning to attend, please call Mrs. Fluke at 489-9767.

CHAPEL CHOIR PRESENTS "THE MESSIAH"

George Frederick Handel's *The Messiah* will be performed on two Sunday afternoons, December 2nd and December 9th, at 4:00 p.m. in the University Chapel. The first performance is for the benefit of those who live outside of the Durham area and the second performance is for the benefit of the University Community and residents of Durham.

This marks the thirtieth annual presentation of Handel's celebrated oratorio by the Choir of the Duke Chapel. The Director will be Professor Paul Young, Director of Choral Activities, and the organist will be Mildred L. Hendrix, University Organist. Soloists for the first performance will include: Ethel Casey, Soprano; Tina Pfohl, Contralto; James Gibbs, Tenor; and Byung K. Kwon, Bass-baritone.

ERASMUS CLUB MEETING

The Erasmus Club will meet at 8:00 p.m. on Monday, December 3rd, in the Green Room, East Duke Building. The speaker will be Iain Hamilton, Visiting Mary Duke Biddle Professor of Music, who will speak on "Art and Responsibility." All faculty members and graduate students are invited to attend.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, December 5th, at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium), West Campus. The speaker will be Dr. Robert W. Krauss of the Department of Botany, University of Maryland. Dr. Krauss will discuss his research on the growth of algae. The title will be "Topics in Algal Physiology."

Refreshments will be served at 4:00 p.m.

CHRISTMAS CONCERT OF CHORAL SOCIETY

The fourteenth annual Christmas Concert of the Durham Civic Choral Society will be presented on Monday, December 3rd, at 8:15 p.m., in the Woman's College Auditorium. The Triangle Little Symphony, a full orchestra composed of musicians from the Triangle area, will accompany the group of seventy-five singers. The concert will feature Franz Schubert's *Mass in G Major* and Johann Sebastian Bach's *Christmas Oratorio*. The director of the performance will be Dr. Paul R. Bryan of the Duke Music Faculty. Admission to the concert is free and the public is cordially invited.

The soloists for the concert will be Miss Afrika Hayes, soprano; Mrs. Demaris Hipps, contralto; Miss Mary Dale Carter, contralto; Mr. Michael R. Best, tenor; and Mr. I. Paul Snyder, bass.

GERONTOLOGY SEMINAR

The Duke University Council on Gerontology will hold an open seminar on Tuesday, December 4th, at 5:00 p.m. in Room 208 Flowers Building on West Campus. Dr. Gordon C. Ring, Chairman, Department of Physiology, University of Miami School of Medicine will speak on "Aging and the Use of Energy." The public is cordially invited to attend this meeting.

PHI BETA KAPPA FALL INITIATION

Phi Beta Kappa will hold its annual fall initiation on Tuesday, December 4th, at 8:00 p.m. in the Union Ballroom, West Campus. All members are urged to be present and all initiates must be present. Those who have a part on the program must be present at 7:45 p.m.

GOTHIC BOOKSHOP AUCTION

The Gothic Bookshop's 12th big book auction will be held on Wednesday, December 5th, in Room 208 Flowers Building. A catalogue of the many choice items to be auctioned will be available. The auction will start promptly at 6:30 p.m. and continues until about 10:30 p.m. This is an event which no book lover should miss.

DUKE PLAYERS PRESENT "THE FANTASTICKS"

Heralding the holiday season, the gay and exuberant musical, "The Fantasticks," will be presented by the Duke Players and the Department of Music on Wednesday through Saturday evenings (December 5, 6, 7, 8) in Branson Hall, East Campus, at 8:15 p.m. This intimate play, now in its third year at the Sullivan Street Playhouse in New York, has book and lyrics by Tom Jones and music by Harvey Schmidt. Musical director for the production is John K. Hanks and stage director is Victor Michalak. Musical accompaniment will be provided by Ruth Friedberg, piano, and Amos Lee Laine, celeste. Tickets, priced at \$1.25, may be secured at the Branson Ticket Office; and reservations may be made by calling Ext. 3181 on weekdays between 2:30 and 5:30 p.m. Because of the small seating capacity of Branson Hall, we urge those wishing to attend to make early reservations.

STUDENT UNION YOUNG ARTISTS SERIES KARL WOLFRAM, GERMAN FOLK SINGER

The Student Union's Young Artists Series will present a concert of folk and ancient German songs with Karl Wolfram, visiting German lutenist and singer, on Wednesday, December 5th, at 8:15 p.m. in the Music Room of East Duke Building. Brought to the campus by the Fine Arts Committee with the cooperation of the Department of German, the concert affords an opportunity to hear German music from the middle ages to the romantic period. The concert is open to the public without charge.

A native of Berne, Herr Wolfram has traveled extensively both in Europe and South America under the auspices of the Bonn government as a representative of German culture. He is presently on tour of the United States, appearing primarily at colleges and universities.

Herr Wolfram accompanies his singing on the theorbe, a highly developed string instrument related

to the lute, which was considered the most perfect instrument until the renaissance. Herr Wolfram uses a beautiful and ancient ivory theorbe once belonging to Frederick the Great.

CIVIL ENGINEERING SEMINAR

Mr. Charles A. Moore, Jr. of the Civil Engineering Department will speak at the Civil Engineering Seminar on Thursday, December 6th, in Room 120 of the Engineering Building at 11:30 a.m. The subject of Mr. Moore's address will be "Soils Engineering Investigation on Project Swamp Fox II in Panama."

All interested persons are cordially invited to attend.

PLANT ECOLOGY SEMINAR

Mr. David Scott will present the second of two lectures on "Quantitative Techniques in Ecology" at this week's Plant Ecology Seminar. The second lecture, "Multiple Regression," will outline the advantages of this technique in handling problems in ecological relationships. The seminar will meet on Thursday, December 6th, at 12:30 p.m. in Room 144 Biological Sciences Building. The University Community is cordially invited to attend.

THE TRINITY COLLEGE HISTORICAL SOCIETY

The Trinity College Historical Society will hold its second meeting of the year on Thursday, December 6th, at 5:30 p.m. at the Men's Graduate Center. Wives are cordially invited to attend.

The speaker for the evening will be Dr. A. N. J. den Hollander, the Director of the American Institute at the University of Amsterdam. His subject will be "The Southern Poor White: A Social Myth."

NEWCOMERS' CLUB CHRISTMAS PARTY

The Newcomers' Club Christmas Party (husbands included) will be held on Thursday, December 6th, from 8:30 until 11:30 p.m. in the Union Ballroom, West Campus. There will be dancing and/or games. Admission is 50¢ per person. Send reservations to Mrs. David Davies, 2631 McDowell Street, Durham.

SPECIAL LECTURE IN SOCIOLOGY

The Department of Sociology and Anthropology will present Mr. Kenneth Burke in an open colloquium. Mr. Burke, a distinguished scholar, is now completing a series of four books on the philosophy of language. The topic of his discussion will be "A Definition of Man." The lecture will be presented on Thursday, December 6th, at 8:00 p.m. in Room 114 Social Sciences Building. All members of the academic community are cordially invited.

CHEMISTRY STAFF SEMINAR

Dr. John W. LeMaistre, Associate Director of the Chemical Research Department, Atlas Chemical Industries, Inc., Wilmington, Delaware, will speak at the Chemistry Staff Seminar on Friday, December 7th, at 4:00 p.m., in Room 01 of the Chemistry Building. The subject of Dr. LeMaistre's address will be "The Chemistry of Hexitols."

All interested persons are invited to attend.

POETRY READING

Robert Watson, poet and associate professor of English at the Woman's College in Greensboro, will read selections from his poems on Thursday, December 6th, at 8:15 p.m. in Room 208 Flowers Building. Sponsored jointly by the Department of English and the Student Union, Mr. Watson will be the first visiting poet for 1962-63 in the North Carolina Poetry Circuit, now in its second year. Other stops will be E. C. C., N. C. State, N. C. Wesleyan, U. N. C., Woman's College, Davidson, and Wake Forest. Mr. Watson is the author of **A Paper Horse**, a volume of poems published last spring. A native of New Jersey and a graduate of Williams College and the Johns Hopkins University, he has attended the University of Zurich as a Swiss-American exchange fellow. His poetry has been highly praised by the critics. The public is cordially invited.

PSYCHOLOGY COLLOQUIUM

There will be a Psychology Colloquium Friday, December 7th, at 4:30 p.m. in Room 209 Bivins Building. The speaker, Dr. William J. McGuire of the Department of Social Psychology at Columbia University, will speak on "Threat and Reassurance as Factors in Producing Resistance to Persuasion." Coffee will be served at 4:00 p.m.

ENTERTAINMENT INTERNATIONALE

The International Club will present "Entertainment Internationale" Friday, December 7th, in Page Auditorium at 8:15 p.m. Costume dancers and singers will present musical numbers ranging from a Highland Fling to a Chinese Sword Dance. These numbers, performed by some of the students from the forty-eight nations represented at Duke University, will offer a world's tour of entertainment without charge to the campus community and the general public.

RELIGIOUS VOCATIONS CONFERENCE

Union Theological Seminary in New York City will sponsor an invitational conference on Religious Vocations for College Women February 8-10, 1963. The conference is planned to bring the challenge of church vocations to college women who have shown an interest in religion and to open up varied possibilities in religious fields to them. This includes the field of sacred music. Interested women students should see Miss Barbara Benedict, 110 Faculty Apartments, East Campus, before the Christmas Vacation.

RELIGIOUS FELLOWSHIPS

The Rockefeller Brothers Theological Fellowship Program makes possible a year of study in a seminary for persons who are uncertain about whether they should be ministers. There is no obligation to continue beyond the first year. Candidates must be male and no older than thirty. Interested persons should contact Chaplain Howard C. Wilkinson, in the Chapel, without delay.

ART EXHIBITIONS

The Student Union and the Department of Art announce two new exhibitions now ready for viewing: **Elements of Modern Art** in the Gallery of the Woman's College Library on East Campus and **Found on Cam-**

pus in the Lounge of the West Campus Union. The exhibits will remain open until the Christmas Recess and are open to the public without charge.

The **Elements of Modern Art**, a loan exhibition organized by the American Federation of Arts, was assembled by Thomas M. Messer, Director of the Solomon R. Guggenheim Museum of Art, this show will consist of thirty small and medium sized oils, water colors and drawings selected from the Guggenheim's collection. These works have been selected in such a way as to illustrate five elements of modern art; representation, expression, decoration, construction and fantasy. A sixth section of this show illustrates the synthesis of these five elements through typical examples of 20th century art. Among artists whose work is included are Arp, Barlach, Chagall, Ernst, Graves, Kandinsky, Klee, Leger, Marc, Modigliani and Picasso.

Found on Campus is an exhibition devoted to drawings and graphics executed by Duke students and members of the Department of Art. Included among the works executed by students will be etchings by Amelio Tavernise and drawings by Jan Duff. Works by Robert Broderson, Bob Shannon, and Earl Mueller, members of the Art Department who teach design and laboratory courses, will constitute the professional segment of this exhibition.

HOLIDAY PLANS

FOR INTERNATIONAL COMMUNITY

The international students and personnel of the University Community would enjoy seeing Christmas as a traditional family holiday. All members of the faculty and staff who would like to share a religious service, a Christmas concert, a tour of the town to see the decorations, or even the arrival of Santa in your home may receive the name of a foreign student who will be remaining in Durham during the Christmas recess by contacting Valen T. Avery, Assistant Foreign Student Advisor, 207 Flowers Building, extension 3869. These students will appreciate your thoughtfulness as they find themselves alone throughout our gay holiday season.

FRENCH AND SPANISH GRADUATE EXAMINATIONS

The French and Spanish Examinations for candidates for graduate degrees will be given January 4th, in Room 125 Engineering Building at 4:00 p.m. Candidates register in the Graduate School Office for this examination not later than December 14th.

ADVANCE NOTICE FOUNDERS' DAY PROGRAM

The annual Founders' Day Program will be held in Page Auditorium on Monday, December 10th at 8:30 p.m. Speaker for the evening will be Mr. Thomas L. Perkins, Chairman of the Duke Endowment Trustees. President-elect Dr. Douglas M. Knight will also address the assembly in his initial appearance before the Duke University Community. Special music will be provided by the Duke Symphony Orchestra under the direction of Professor Allan Bone. The public is cordially invited.

ADVANCE NOTICE
CONCERT BAND WINTER CONCERT

The winter program of the Duke University Concert Band, Paul Bryan, Conductor, will be presented on Tuesday, December 11th, at 8:15 p.m. in Page Auditorium. The occasion will mark the premier performance of the Chorale Prelude, "So Pure the Star," composed by Vincent Persichetti and commissioned by Duke University. Mr. Persichetti will act as guest conductor for this composition and, also, for his "Psalm for Band." An additional feature will be Philip Farkas, French horn soloist, who will perform **Concerto No. 2 in C for French Horn** by Mozart. Mr. Persichetti is on the faculty of the Juilliard School of Music and a former visitor to the Duke campus under the auspices of the Mary Duke Biddle Foundation. Mr. Farkas is former first horn player in the Cleveland Symphony Orchestra and the Chicago Symphony Orchestra. The public is cordially invited to attend.

ADVANCE NOTICE
CHRISTMAS IN WORD AND MUSIC

"Christmas in Word and Music" will be presented on Sunday evening, December 16th, at 8:00 p.m., in the Duke Chapel. Composed and presented for the first time two years ago, it was repeated last year, and now by popular request it is being presented again. Consisting of selections from the finest Christmas music, the most representative Scriptural recitals of Christmas, and beloved carols, the service of worship gives the prophecy of the coming of Jesus Christ, and the fulfillment of that prophecy. Choral music will be presented by the Men's Chorus and the Women's Chorus. A variety of instrumental music will be included. The Presiding Minister will be the Reverend Howard C. Wilkison, Chaplain to the University, and the Reader will be the Reverend Professor James T. Cleland, Dean of the Chapel. Additional participants will be announced later.

ADVANCE NOTICE
FACULTY CLUB CHRISTMAS PARTY

This year the theme of the Faculty Club Christmas Party will be "An International Christmas." Music, food, and decorations will be planned around this theme. The dinner will be on Saturday, December 15th, at 7:00 p.m. in the West Campus Union with wraps being checked in the lounge of Flowers Building beginning at 6:30 p.m.

Members who have paid their dues (\$3.50) are entitled to one ticket without further charge. They are entitled to one guest ticket for \$3.00. All tickets for members and guests, must be obtained from Mr. S. C. Harward, Room 305 Allen Building, West Campus, prior to 5:00 p.m. Tuesday, December 11th.

DUKE SPRING QUARTET DEBUT CONCERT

The debut concert of the Duke String Quartet will be presented under the auspices of the Department of Music on Saturday, December 8 in the Music Room, East Duke Building at 8:15 p.m. Newly formed this year the Quartet is composed of the following faculty and staff members of the Department of Music: Joseph

Pepper, first violin; William Martin, second violin; Julia Mueller, viola; William Klenz, 'cello. The university community and general public are cordially invited to attend. The program will be as follows:

Quartet No. 13, Opus 77, No. 1 *Haydn*
Allegro moderato
Adagio
Menuetto—Presto
Finale—Vivace

Quartet No. 1, Opus 7 *Bartok*
Lento
Allegretto
Allegro vivace
(played without pause)

INTERMISSION

Quartet No. 11, Opus 95 *Beethoven*
Allegro con brio
Allegretto ma non troppo
Allegro assai vivace, ma serioso
Larghetto espressivo—Allegretto agitato

ADVANCE NOTICE

Durham Y. W. C. A. International Christmas Supper. The Durham Y. W. C. A., 515 West Chapel Hill Street, extends a cordial invitation to Duke International Students to attend the annual Christmas Supper at 5 p.m. on Sunday, December 9. A limited number of guest tickets are available and may be reserved by calling the number 681-2041 in Durham.

1963 DUKE CALENDARS

The pictorial DUKE CALENDAR for 1963, published by the Social Standards Committee of East Campus is now on sale. Copies may be purchased on West Campus through the Alumni Office, 106 Union Building, and on East Campus through Dean Wilson's office, 108 East Duke Building, or from the Social Standards Committee representatives in all the East Campus dormitories. The price of the calendar is \$1.50 per copy.

MUSIC NOW

WUNC-TV (Chapel Hill, Channel 4) is presenting a rerun of **Music Now**, a series of ten programs dealing with the most important influences and trends in twentieth century music.

Host of the series is Iain Hamilton, British composer and Mary Duke Biddle Professor of Music at Duke University. The series was produced by WUNC-TV in co-operation with the Duke University Department of Music. Performers of the musical illustrations are primarily faculty members of the Duke University Department of Music. The North Carolina String Quartet and Ethel Casey, Soprano from Raleigh, North Carolina, were also presented. The current programs are:

December 2nd: "Webern and Berg"

December 7th: "Boulez and Stockhausen"

All programs may be seen on successive Friday evenings at 9:30 p.m. or on Sunday evenings at 7:30 p.m.

WEEK OF
Dec. 9-15, 1962

WEEK OF
Dec. 9-15, 1962

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, Dec. 9

Denominational Meetings. See special notice.

- 10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.
- 11:00 a.m. University Service of Worship, University Chapel. Preacher: The Reverend Dr. Nolan B. Harmon, Bishop, Charlotte Area of the Methodist Church. Sermon: "The Sacrament of Life." Broadcast over Radio Station WDNC and WDNC-FM.
- 4:00 p.m. Chapel Choir: Handel's *The Messiah*. Chapel.
- 5:00 p.m. Durham Y. W. C. A. Annual Christmas Supper. 515 West Chapel Hill Street, Durham, North Carolina.

Monday, Dec. 10

- 2:30 p.m. The final examination of Mr. James Neal Huffaker for the Ph.D. degree in Physics. Room 118 Physics Building.
- 4:00 p.m. University Faculty Meeting. Room 125 Engineering Building.
- 4:15 p.m. Zoology Seminar. Auditorium of the Biological Sciences Building. Speaker: Dr. Romane Clark.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:30 p.m. Faculty Volleyball. Indoor Stadium.

- 7:00 p.m. Experiment in International Living. Room 201 Flowers Building. Speaker: Mr. Sam Achziger.
- 8:30 p.m. Founders' Day Program. Page Auditorium. Speaker: Dr. Douglas M. Knight.

Tuesday, Dec. 11

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor W. A. Kale.
- 11:30 a.m. Engineering Faculty Meeting. Room 125, Engineering Building. Speakers: Mr. Everett H. Hopkins and Mr. Frank Ashmore.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 6:15 p.m. Freshman Basketball: Duke versus Wilmington Junior College. Indoor Stadium.
- 7:00 p.m. University Christmas Vespers: Madrigal Singers. Chapel.
- 7:00 p.m. Sailing Club Meeting. Green Room, East Duke Building. Open to faculty, staff members, and students.
- 7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.
- 8:15 p.m. Duke Concert Band Concert. Page Auditorium. V. Persichetti, composer-conductor.
- 8:15 p.m. Varsity basketball: Duke versus Vanderbilt. Indoor Stadium.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

Wednesday, Dec. 12

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor W. A. Kale.
- 12:45 p.m. Women of Faculty and Staff. Faculty Dining Room, Woman's College Union.
- 4:15 p.m. Botany Seminar. Room 111, Biological Sciences Building. (Auditorium) Speaker: Dr. Arthur Kelman.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Robert Edelberg.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15 p.m. Kappa Delta Pi Initiation. Men's Graduate Center.
- 7:00 p.m. Duke Sports Car Club Meeting. Room 117, Social Science Building. Open to faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "THE MAN IN THE WHITE SUIT" with Alec Guinness, Cecil Parker and Joan Greenwood. "Alec Guinness, our great master of the art of being funny, is off on another of his fantastic romps."—**World Tel. & Sun.** SPECIAL ADDED ATTRACTION: A Charlie Chaplin Scoop! The King of Comedy at his funniest in "TILLIE'S PUNCTURED ROMANCE," with those screen "greats" . . . Marie Dressler, and Mabel Normand and The Original Keystone Cops. (Note: This is a forty minute featurette)
- 7:45-10:00 p.m. S. U. Bridge Club. Green Room, East Duke Building.
- 8:00-9:00 p.m. Panhellenic Fashion Show. Woman's College Auditorium.
- 8:15 p.m. Voice Recital: Students of John Hanks. Music Room, East Duke Building.

Thursday, Dec. 13

- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. Harold Wright.
- 11:30 a.m. Civil Engineering Seminar. Room 120 Engineering Building. Speaker: Mr. Fred Rolle.
- 12:30 p.m. Plant Ecology Seminar. Room 144 Biological Sciences Building. Speaker: Mr. John Dennis.
- 2:30 p.m. The final examination of Mr. Arthur Z. Kovacs for the Ph.D. degree in Physics. Room 218, Physics Building.
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

- 4:00-5:30 p.m. Undergraduate Faculty Council Meeting. Room 208 Flowers Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:00 p.m. W. S. G. A. Christmas Dinner. East Campus Dining Halls.
- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 7:45 p.m. Y. W. C. A. Christmas Vespers, Chancel Singers. East Duke Chapel.
- 8:00 p.m. Sigma Xi Meeting. Room 111 (Auditorium) of the Biological Sciences Building. Speaker: Dr. William D. McElroy.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Varsity basketball: Duke versus Clemson. Clemson.

Friday, Dec. 14

- 10:10 a.m. Divinity School Choir Christmas Service. York Chapel.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their mothers.
- 8:15 p.m. S. U. Major Attraction: "A Program for Two Players" with Helen Hayes and Maurice Evans. Page Auditorium.

Saturday, Dec. 15

- 7:00 p.m. Faculty Club Christmas Party. West Union Building.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "THE MAN IN THE WHITE SUIT" with Alec Guinness, Cecil Parker and Joan Greenwood. "Alec Guinness, our great master of the art of being funny, is off on another of his fantastic romps."—**World Tel. & Sun.** SPECIAL ADDED ATTRACTION: A Charlie Chaplin Scoop! The King of Comedy at his funniest in "TILLIE'S PUNCTURED ROMANCE," with those screen "greats" . . . Marie Dressler and Mabel Normand and The Original Keystone Cops. (Note: This is a forty minute featurette)
- 8:15 p.m. Varsity basketball: Duke versus Louisville. Louisville, Kentucky.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Nolan B. Harmon, Jr. Bishop, Charlotte Area of the Methodist Church, will deliver the sermon at the University Service of Worship on Sunday, December 9th, at 11:00 a.m. in the University Chapel. His subject will be "The Sacrament of Life." The order of service follows:

The Reverend Professor James T. Cleland, Dean of the Chapel, Presiding Minister.
Opening Organ Voluntary—"Indulge jubilo" *Bach*
"Vom Himmel hoch a komm' ich her" *Pachelbel*
Choral Adoration—"Fanfare for Christmas Day" *Martin Shaw*
Hymn—"O Worship the King" *Johann M. Haydn*
Prayer of Confession
Words of Assurance
The Lord's Prayer
Anthem—"His Yoke Is Easy" (from *The Messiah*) *Handel*
Scripture Lesson—Colossians 3:13-17
Hymn—"O God, Our Help In Ages Past" *William Croft*
Call to Prayer
The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication
The Offering
Offertory Organ Interlude
Anthem—"How Lovely Is Thy Dwelling-Place" (from *Requiem*) *Brahms*
Response—The Doxology
Prayer of Dedication
Sermon—"The Sacrament of Life"
Prayer
Benediction
Choral Response—"Sevenfold Amen" *Stainer*
The Chimes
Closing Organ Voluntary—"Wachet auf, ruft ins die Stimme" *Bach*

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 9:00 P.M., Center, Open House. Tuesday, Center, 12:30 P.M., Luncheon-Discussion—3rd in series on Religious Insights in Secular Thought. This program will be on Karl Marx with the lecture by Dr. Warren Lerner. Wednesday, 6:00 P.M., Center, Worship led by Reverend Dennis Hockaday. Friday, 6:15 P.M., meet at the Center with Chapel Hill B. S. U. for caroling at local institutions, followed by refreshments and Christmas readings at the Center.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., East Duke Chapel.

EPISCOPAL UNIVERSITY CENTER: Sunday, 9:30 A.M., Holy Communion, Chapel of St. Michael and All Angels; 6:00 P.M., Center, Evening Prayer, so that those interested may attend the performance of *The Messiah*. There will be an informal supper following the service. Wednesday, 7:10 A.M. and 5:30 P.M., Holy Communion. Friday, 3:00 P.M., Center, Dr. Bush's Seminar on Orthodoxy. December 16, 6:00 P.M., there will be the annual Christmas Party for all Episcopalian faculty and students.

FRIENDS MEETING (QUAKER): Monthly Meeting for Business at 7:30 P.M., Thursday, December 13, preceded by Pot-luck supper at 6:00 P.M., Friends Meeting House, 400 Alexander Avenue (near Myrtle Drive). If you plan to come to supper, please call Mrs. Klopfer at 286-5898.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room, East Duke Building, East Campus, second program on "Sex and the Campus," group discussion. Wednesday, 7:15 A.M., Memorial Chapel of Duke Chapel, Holy Communion, Celebrant—Chaplain Shuford, with N. C. C. Professor, the Reverend Theo. Speigner invited to assist.

METHODIST CENTER: Sunday, 9:30 A.M., Center, Study Groups; 6:00 P.M., Center, Evening Prayer. Wednesday, 3:30 P.M., Wesley Player's Drama Workshop (New participants invited.) On Sunday, December 16, the choir of Trinity Methodist Church, Durham, will present the *Gloria* by Vivaldi, during the service of Evening Prayer at the Methodist Center at 6:00 P.M.

Wesley Players will present a bill of three one-act plays at the Methodist Center on the nights of December 16, 17 and 18. They include: *It Shouldn't Happen to A Dog*, by Wolf Mankiwitz, *The Respectful Prostitute*, by Jean Paul Sartre, and *The Bald Soprano* by Eugene Ionesco.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 6:15 P.M., Westminster House, The UNC Westminster Fellowship will be guests of Duke Westminster Fellowship for supper. After supper The Reverend Harry Smith and the UNC Westminster Fellowship will celebrate a Dialogue Folk Mass.

UNITED STUDENT FELLOWSHIP (Open to all Congregational Christian, Evangelical and Reformed, United Church of Christ, and Disciples of Christ students): In hopes of furthering a true Christmas spirit on the Duke campus, the United Student Fellowship will forego a planned program this evening, urging its members to attend *The Messiah* this afternoon at 4:00 P. M. instead.

EXPERIMENT IN INTERNATIONAL LIVING

On Monday, December 10th, there will be on campus a representative of the Experiment in International Living. A meeting for all interested persons is scheduled for 7:00 p.m. in Room 201 Flowers Building. Mr. Sam Achziger of the Experiment's United States Headquarters in Putney, Vermont, will explain Experiment philosophy and operations and answer any questions. He will also have available information on costs and scholarships.

The Experiment is a worldwide, non-profit, non-sectarian organization which places students as "family members" in foreign homes for the summer, thus offering an excellent opportunity for intensive language practice. Countries include Spain, France, Germany, Austria, Switzerland, Italy, Russia, and many others in Europe, Latin America, Africa, and the Near East.

FOUNDERS' DAY PROGRAM

Marking the 37th observance of the founding of Duke University the annual Founders' Day Program will be held in Page Auditorium on Monday, December 10th at 8:30 p.m. The public is cordially invited.

The scheduled speaker, Mr. Thomas L. Perkins, chairman of the Trustees of the Duke Endowment, has recently suffered an attack of influenza following an illness of the past summer. These illnesses have prevented him from the preparation of the Founders' Day Address he had planned. In view of this, Dr. Douglas M. Knight, President-elect of the University, has consented to make the address.

Special music to be presented by the Duke Symphony Orchestra under the direction of Allan Bone will include **Scottish Dances, Opus 32** by Iain Hamilton, Mary Duke Biddle Professor of Music; the Second Movement (Adagio) from the **Concerto in D Major for Violin and Orchestra** by Brahms with visiting artist, Joseph Pepper as violin soloist. The final orchestral offering will be Rimsky-Korsakov's **Caprice Espagnole, Opus 34**.

DUKE CONCERT BAND CONCERT

The Duke University Concert Band, Paul Bryan, Conductor, will present a concert on Tuesday, December 11th at 8:15 p.m. in Page Auditorium. This concert will mark the premier performance of the Chorale Prelude, "So Pure the Star," composed by Vincent Persichetti and commissioned by Duke University. Mr. Persichetti will act as guest conductor for this composition and, also, for his "Psalm for Band." An added feature will be Philip Farkas, French horn soloist, formerly first horn player with the Cleveland and Chicago Symphonies, performing "Concerto No. 2 in E flat, for French Horn." Mr. Persichetti is on the faculty of the Juilliard School of Music and a former visitor to the Duke Campus under the auspices of the Mary Duke Biddle Foundation. The public is cordially invited to attend. The program is as follows:

Suite from the music for the Royal Fireworks *Handel-Harty*
Overture
Alla siciliana
Bourée
Menuetto

Concerto No. 2 in E flat, K. 417 *Mozart-Sansone*
Allegro maestoso
Andante
Rondo

Philip Farkas, French Horn
Woodwind Ensemble

Selected French Horn solos with piano accompaniment
Ruth Friedberg, piano

Overture for Band, Op. 24 *Mendelssohn*

INTERMISSION

Chorale Prelude: So Pure the Star, Op. 91 *Vincent Persichetti*
(commissioned by Duke University, 1962)

Psalm for Band (1952) *Vincent Persichetti*
Conducted by the Composer

A Son of a Gambolier (Two Step) *Charles Ives*

Overture from the Ballet "The Happy Hippocrite"
Herbert Elwell

Commando March *Samuel Barber*

NOTICE TO WOMEN OF THE FACULTY AND STAFF

In order that the women of the faculty and staff may become better acquainted, it has been suggested that a place and time be arranged so that they may come together once a month for luncheon. The second Wednesday in each month has been chosen as a tentative date. Those who are interested will meet on Wednesday, December 12th in the Faculty Dining Room of the Woman's College Union at 12:45 p.m. Luncheon tickets may be obtained in the Union for seventy-five cents. No reservations are necessary.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, December 12th, at 4:15 p.m., in Room 111 Biological Sciences Building (Auditorium), West Campus. The speaker will be Dr. Arthur Kelman of the Department of Plant Pathology, North Carolina State College, Raleigh. Dr. Kelman is particularly interested in wilt diseases of plants and factors affecting pathogenicity. He will speak on "Infection Pathways and Interaction of Virulent and Avirulent Strains of a Wilt Pathogen."

Refreshments will be served at 4:00 p.m.

PSYCHOLOGY COLLOQUIUM

There will be a Psychology Colloquium on Wednesday, December 12th, at 4:30 p.m. in Room 209 Bivins Building. The speaker, Dr. Robert Edelberg, Associate Professor of Biophysics, Texas Medical Center, Houston, Texas, will speak on "The Origin of Electrodermal Phenomena and Implications Regarding Interpretation." Coffee will be served at 4:00 p.m.

KAPPA DELTA PI INITIATION

Kappa Delta Pi, honorary society in education, will initiate new members into the society on Wednesday, December 12th, at 5:15 p.m. The meeting will be held in the private dining area of the Men's Graduate Center. All members are urged to be present.

After the initiation, members will dine together. Those attending will go through the cafeteria line and carry their trays to the private dining area. Pictures for the **Chanticleer** will be made following the dinner.

PANHELLENIC FASHION SHOW

The Panhellenic Fashion Show featuring holiday fashions from Thalhimer-Ellis Stone, will be held on Wednesday, December 12th from 8:00-9:00 p.m. in the Woman's College Auditorium. Sorority pledges will model casual and dressy holiday clothes, furs, and a Christmas bridal ensemble. Tickets are 50¢ and can be purchased in the East Union Building and Gilbert-Addoms Dormitory. All proceeds go to the Panhellenic Scholarship Fund.

STUDENT VOICE CONCERT

The Department of Music will present a concert of songs and arias performed by voice students of John Hanks on Wednesday, December 12th at 8:15 p.m. in the Music Room of East Duke Building. They will be assisted by Ruth Friedberg at the piano and Rose London, violinist. The public is cordially invited to attend. The program is as follows:

I.

Caro mio ben

Aria: Cantata 122

Ronald Steed, baritone

Giordani

J. S. Bach

II.

Die Armen will der umarmen (Cantata 186)

Let the bright seraphin (Samson)

Nancy Lassiter, Soprano

Rose London, Violin

J. S. Bach

Handel

III.

Arm, arm ye brave (Judas Maccabaeus)

Der Doppelgänger

Charles Michael Smith, Bass

Handel

Schubert

IV.

Voi che sapete (Le Nozze di Figaro)

Granadina

Marjorie Randolph, Mezzo-Soprano

Mozart

Nin

V.

Auf dem Wasser zu singen

Gretchen am Spinnrad

Nancy Lassiter, Soprano

Schubert

Schubert

VI.

Im wunderschönen Monat Mai

Aus meinen tränen sprissen

Die Rose, Die Lillie

Wenn ich in deinen Augen zeh

Ich will meine Seele tauchen

Michael Best, Tenor

Dichterliebe

Schumann

VII.

Seguidilla Murciana

Asturiana

In the fields

Evening

Claudia Bray, Mezzo-Soprano

Manuel de Falla

Manuel de Falla

John Duke

John Duke

CIVIL ENGINEERING SEMINAR

Mr. Fred Rolle of the Civil Engineering Department will speak at the Civil Engineering Seminar on Thursday, December 13th, in Room 120 of the Engineering Building at 11:30 a.m. The subject of Mr. Rolle's address will be "Initial Velocity of Rockets by Hydraulic and Air Pressures." All interested persons are cordially invited to attend.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Arthur Z. Kovacs for the Ph.D. degree in Physics will be held on Thursday, December 13th, at 2:30 p.m. in Room 218, Physics Building. The subject of Mr. Kovacs' dissertation is

"Charge Symmetry of K^+ and K^0 Mesons in Associated Production." The committee to conduct the examination consists of Professors L. C. Biedenharn, Walter Gordy, Eugene Greuling, Harold W. Lewis, and J. M. Thomas. Professor Biedenharn will preside.

PLANT ECOLOGY SEMINAR

Mr. John Dennis will present an illustrated talk on some aspects of natural root grafting in eastern white pine at this week's Plant Ecology Seminar, to be held Thursday, December 13th, at 12:30 p.m. in Room 144 Biological Sciences Building. The talk will review some of the studies being carried out by Dr. F. H. Bormann in Hanover, New Hampshire.

UNDERGRADUATE FACULTY COUNCIL

The Undergraduate Faculty Council will meet at 4:00 p.m. on Thursday, December 13th, in Room 208 Flowers Building.

SIGMA XI MEETING

The Duke University Chapter of Sigma Xi will hold its first meeting of the year on Thursday, December 13th, at 8:00 p.m. in Room 111 (Auditorium) of the Biological Sciences Building, West Campus. Dr. William D. McElroy, Director of the McCollum-Pratt Institute, Johns Hopkins University, will speak on the topic "The Emission of Light by Organisms." All interested persons are cordially invited to attend.

STUDENT UNION PRESENTS HELEN HAYES AND MAURICE EVANS "A PROGRAM FOR TWO PLAYERS"

The Student Union's Major Attractions Committee will bring to Page Auditorium at 8:15 p.m. on Friday, December 14th, "A Program for Two Players" with Helen Hayes and Maurice Evans presenting a full evening of excerpts from Shakespearean comedies, tragedies, histories, and sonnets. Tickets, reserved and priced at \$4.00, \$3.25, and \$2.50 (an undergraduate student reduction of \$1.00, \$.75, and \$.50 for the three respective price ranges) may be secured at Page Box Office from 2:00-5:00 p.m. Monday through Friday; reservations will be accepted during the same hours by calling extension 2911; mail orders may be sent through Box KM, Duke Station enclosing a self-addressed stamped envelope if the tickets are to be mailed.

Helen Hayes, "first lady of the American theater," and Maurice Evans, eminent English actor, are taking their unique show to 69 cities where they are met with enthusiastic audiences. The Associated Press comments: "Great words and great players make an irresistible combination. This is potent theatrical fascination."

FACULTY CLUB CHRISTMAS PARTY

This year the theme of the Faculty Club Christmas Party will be "An International Christmas." Music, food, and decorations will be planned around this theme. The dinner will be on Saturday, December 15th, at 7:00 p.m. in the West Campus Union with wraps being checked in the lounge of Flowers Building beginning at 6:30 p.m.

Members who have paid their dues (\$3.50) are entitled to one ticket without further charge. They are entitled to one guest ticket for \$3.00. All tickets for members and guests, must be obtained from Mr. S. C. Harward, Room 305 Allen Building, West Campus, prior to 5:00 p.m. Tuesday, December 11th.

INTERNATIONAL RELATIONS GRANTS

The University Committee on International Relations now has available certain funds which will be used for a limited number of grants. The purpose of these grants will be to stimulate and strengthen teaching and research in international relations at all levels of the University. All members of the faculty will be eligible for the grant, but special consideration will be given to younger scholars, and to those developing new courses or areas of study. Grants may be made for summer research, travel, and similar activities.

Applications should be submitted to Mr. William Yohe, Department of Economics, Room 203 F Social Science Building, and should contain a specific description of the intended project together with an estimate of the time required to complete the project and of the funds needed from this Committee. The applicant should also provide information about requests for funds which have been or may be submitted to other groups. Since available funds are limited, applications should be submitted as soon as feasible and in no event later than February 15th. Further details can be obtained from Mr. Yohe or other members of the Committee—David G. Bradley, Joel Colton, Robinson O. Everett, Harris Proctor, and Patrick R. Vincent.

BENEFIT SALE DUKE CHRISTMAS CARDS

Christmas cards and note paper with illustrations of Duke scenes are currently on sale in the Woman's College Book Store, in Dean Huckabee's office (110 East Duke) and in the Alumni Office (West Union Building). Proceeds from sales benefit the Woman's College Scholarship Fund.

FRENCH AND SPANISH GRADUATE EXAMINATIONS

The French and Spanish Examinations for candidates for graduate degrees will be given January 4th, in Room 125 Engineering Building at 4:00 p.m. Candidates register in the Graduate School Office for this examination not later than December 14th.

HOLIDAY PLANS FOR INTERNATIONAL COMMUNITY

The international students and personnel of the University Community would enjoy seeing Christmas as a traditional family holiday. All members of the faculty and staff who would like to share a religious service, a Christmas concert, a tour of the town to see the decorations, or even the arrival of Santa in your home may receive the name of a foreign student who will be remaining in Durham during the Christmas recess by contacting Valen T. Avery, Assistant Foreign Student Advisor, 207 Flowers Building, extension 3869. These students will appreciate your thoughtfulness as they find themselves alone throughout our gay holiday season.

UNIVERSITY SPRING ACTIVITIES CALENDAR NOTICE

Announcements for the printed UNIVERSITY SPRING ACTIVITIES CALENDAR, compiled, published, and distributed by the Student Union's Special Service Committee at the beginning of each semester, must be in Room 202-A Flowers Building by Wednesday, December 20th, in order to be in the printer's hands for a February first release. Faculty and staff members scheduling events for the Spring Semester are urged to get their announcements in at once.

MUSIC NOW

WUNC-TV (Chapel Hill, Channel 4) is presenting a rerun of **Music Now**, a series of ten programs dealing with the most important influences and trends in twentieth century music.

Host of the series is Iain Hamilton, British composer and Mary Duke Biddle Professor of Music at Duke University. The series was produced by WUNC-TV in co-operation with the Duke University Department of Music. Performers of the musical illustrations are primarily faculty members of the Duke University Department of Music. The North Carolina String Quartet and Ethel Casey, Soprano from Raleigh, North Carolina, were also presented. The current programs are:

December 9th: "Boulez and Stockhausen"

December 14th: Summary Lecture

All programs may be seen on successive Friday evenings at 9:30 p.m. or on Sunday evenings at 7:30 p.m.

TERPSICHOREAN CHRISTMAS CONCERT

On December 17th and 18th, Terpsichorean, the Modern Dance Club, will present a Christmas Concert in Branson Hall at 8:15 p.m. The program will consist of a collection of dances to medieval music and readings by the Wesley Players and the Duke Players. There is no admission, and the University Community is cordially invited.

LIBRARY SCHEDULE CHRISTMAS RECESS, 1962

During the Christmas Recess (December 20, 1962 through January 2, 1963) the University Libraries will be open and operating according to the following schedules:

GENERAL LIBRARY

Thursday, Dec. 20-Friday, Dec. 21	8:00 a.m.-5:00 p.m.
Saturday, Dec. 22	8:00 a.m.-1:00 p.m.
Sunday, Dec. 23-Tuesday, Dec. 25	CLOSED
Wednesday, Dec. 26-Fri., Dec. 28	8:00 a.m.-5:00 p.m.
Thursday, Dec. 29	8:00 a.m.-1:00 p.m.
Sunday, Dec. 30	CLOSED
Monday, Dec. 31	8:00 a.m.-5:00 p.m.
Tuesday, Jan. 1, 1963	CLOSED
Wednesday, Jan. 2	8:00 a.m.-5:00 p.m.
Thursday, Jan. 3	Resume regular schedule

WOMAN'S COLLEGE LIBRARY

Thursday, Dec. 20	8:00 a.m.-5:00 p.m.
Friday, Dec. 21	9:00 a.m.-5:00 p.m.
Saturday, Dec. 22	9:00 a.m.-1:00 p.m.
Sunday, Dec. 23-Tues., Jan. 1, 1963	CLOSED
Wednesday, Jan. 2	9:00 a.m.-5:00 p.m.
Thursday, Jan. 3	Resume regular schedule

Christmas schedules for other University libraries will be posted.

Note: All units of the General Library will be open according to the above schedule except as follows:

Graduate Reading Room	Closed December 26-30
Manuscripts Department	Closed from 12:00-1:00 each day.
Newspaper Department	Closed from 12:00-1:00 each day.
Rare Book Room	Closed from 12:00-1:00 each day.

ART EXHIBITIONS

The Student Union and the Department of Art announce two new exhibitions now ready for viewing: **Elements of Modern Art** in the Gallery of the Woman's College Library on East Campus and **Found on Campus** in the Lounge of the West Campus Union. The exhibits will remain open until the Christmas Recess and are open to the public without charge.

The **Elements of Modern Art**, a loan exhibition organized by the American Federation of Arts, was assembled by Thomas M. Messer, Director of the Solomon R. Guggenheim Museum of Art, this show will consist of thirty small and medium sized oils, water colors and drawings selected from the Guggenheim's collection. These works have been selected in such a way as to illustrate five elements of modern art; repre-

sentation, expression, decoration, construction and fantasy. A sixth section of this show illustrates the synthesis of these five elements through typical examples of 20th century art. Among artists whose work is included are Arp, Barlach, Chagall, Ernst, Graves, Kandinsky, Klee, Leger, Marc, Modigliani and Picasso.

Found on Campus is an exhibition devoted to drawings and graphics executed by Duke students and members of the Department of Art. Included among the works executed by students will be etchings by Amelio Tavernise and drawings by Jan Duff. Works by Robert Broderon, Bob Shannon, and Earl Mueller, members of the Art Department who teach design and laboratory courses, will constitute the professional segment of this exhibition.

1963 DUKE CALENDARS

The pictorial **DUKE CALENDAR** for 1963, published by the Social Standards Committee of East Campus is now on sale. Copies may be purchased on West Campus through the Alumni Office, 106 Union Building, and on East Campus through Dean Wilson's office, 108 East Duke Building, or from the Social Standards Committee representatives in all the East Campus dormitories. The price of the calendar is \$1.50 per copy.

ADVANCE NOTICES CHRISTMAS IN WORD AND MUSIC

"Christmas in Word and Music" will be presented on Sunday evening, December 16th, at 8:00 p.m., in the Duke Chapel.

NOTICES FOR THE UNIVERSITY WEEKLY CALENDAR

Information to be published in the University Weekly Calendar for the periods of **December 16th-20th and January 2nd-5th** (one calendar including both periods) must be in Room 202-A Flowers Building by 1:00 p.m., Wednesday, December 12th.

The Christmas recess will begin at 12:30 p.m. on Thursday, December 20th, with classes resuming at 8:10 a.m. on Thursday, January 3rd.

WEEK OF
Dec. 16-20, 1962

CALENDAR

WEEK OF
Jan. 2-5, 1963

OF DUKE UNIVERSITY



Events of the Week

Sunday, Dec. 16

Denominational Meetings. See special notice.

- 10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.
- 11:00 a.m. University Service of Worship, University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "Glory to God!" Broadcast over Radio Station WDNC and WDNC-FM.
- 8:00 p.m. "Christmas in Word and Song." University Chapel.
- 8:15 p.m. Wesley Players present One-Act Plays. Methodist Student Center on Oregon Street.

Monday, Dec. 17

- 10:30 a.m. The final examination of Mr. S. Matiar Rahman for the Ph.D. degree in Psychology. Room 206 Psychology Laboratory.
- 4:00 p.m. Engineering Faculty Council Meeting. Conference Room of the Engineering Building.
- 4:15 p.m. Zoology Seminar. Auditorium of the Biological Sciences Building. Speakers: Drs. Karl Wilbur and Norimitsu Watabe.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Louis Guttman.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:30 p.m. Faculty Volleyball. Indoor Stadium.
- 6:00 p.m. Student Union Carols the Faculty. Chapel Steps Assembling.

- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. Wesley Players present One-Act Plays. Methodist Student Center on Oregon Street.
- 8:15 p.m. Terpsichorean Christmas Concert. Branson Hall.

Tuesday, Dec. 18

- 10:10 a.m. Divinity School Chapel. York Chapel. The Reverend Melvin C. Swann, St. Joseph's AME Church.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00 p.m. Mathematics Seminar. Room 114 Physics Building. Speaker: Dr. David Dean.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.
- 8:15 p.m. Wesley Players present One-Act Plays. Methodist Student Center on Oregon Street.
- 8:15 p.m. Basketball: Duke versus Davidson. Charlotte.
- 8:15 p.m. Terpsichorean Christmas Concert. Branson Hall.

Wednesday, Dec. 19

- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. Schoneberg Setzer.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

- 4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building (Auditorium). Speaker: Dr. J. E. Varner.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "PURPLE NOON" with Alain Delon and Maria La Foret. René Clément's movie is "A thriller, more than tingling, that is as fascinating as it is dazzlingly beautiful. . . . as sharply, smoothly cut as a diamond."—*N. Y. Times*. "A new French thriller, well acted. . . . an absolutely hair-raising bafflement from start to almost finish."—*The New Yorker*.
- 7:00-10:00 p.m. Student Union Bridge Club. Green Room, East Duke Building.

Thursday, Dec. 20

- 10:10 a.m. Divinity School Chapel. Communion. Professor W. A. Kale presiding.
- 12:30 p.m. Christmas Recess

Wednesday, Jan. 2

- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. (NOTE: There will be no performance tonight.)
- 8:15 p.m. Basketball: Duke versus University of Virginia. Indoor Stadium.

Thursday, Jan. 3

- 8:10 a.m. Classes resume.
- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. Paul Gentry.
- 12:30 p.m. Plant Ecology Seminar. Room 144 Biological Sciences Building. Speaker: Mr. Lee Miller.
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, Jan. 4

- 10:10 a.m. Divinity School Chapel. York Chapel. Covenant Service.
- 4:00 p.m. French and Spanish Graduate Examinations. Room 125 Engineering Building.
- 4:00 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Richard Champion.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim: those 12 and under must be accompanied by their mothers.
- 7:00 p.m. S. U. Pre-Artists Series Seminar. Room 208 Flowers Building. Speaker: Mrs. Julia Mueller.
- 8:15 p.m. Artists Series: Ruggiero Ricci, violinist. Page Auditorium.

Saturday, Jan. 5

- 6:15 p.m. Freshman Basketball: Duke versus N. C. State. Indoor Stadium.
- 7:00 and 9:05 p.m. Quadrangle Pictures. Page Auditorium. "PURPLE NOON" with Alain Delon and Maria La Foret. René Clément's movie is "A thriller, more than tingling, that is as fascinating as it is dazzlingly beautiful. . . . as sharply, smoothly cut as a diamond."—*N. Y. Times*. "A new French thriller, well acted. . . . an absolutely hair-raising climax. Go to the Picture on Time and resign yourself to agreeable bafflement from start to almost finish."—*The New Yorker*.
- 8:15 p.m. Basketball: Duke versus North Carolina State. Indoor Stadium. S. U. Candlelight Cabaret following game. Union Ballroom.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the sermon at the University Service of Worship on Sunday, December 16th, at 11:00 a.m. in the University Chapel. His subject will be "Glory to God!" The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister.
Opening Violin Voluntary—
"Adagio" from Concerto in G minor *Vivaldi-Nachez*
Organ Voluntary—
Chorale-Prelude "Kommst du nun, Jesu" *Bach*
Choral Adoration—"Fanfare for Christmas Day" *Martin Shaw*
Hymn—"Hearken, All! What Holy Singing" *Old French Carol*
Prayer of Confession
Words of Assurance
The Lord's Prayer
Anthem—"To God on High Be Glory" *Bach*
Scripture Lesson—Luke 2:8-14; 4:16-21
Hymn—"O Come, All Ye Faithful"
Source unknown, 18th century melody
Call to Prayer
The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication
The Offering
Offertory Violin Interlude—Adoration *Borowski*
Anthem—"Behold A Star From Jacob Shining" *Mendelssohn*
Response—The Doxology
Prayer of Dedication
Sermon—"Glory to God!"
Prayer
Benediction
Choral Response—"Sevenfold Amen" *Stainer*
The Chimes
Closing Organ Voluntary—Toccata on "Von Himmel Hoch" *Edmundson*

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Sunday, 9:30 P.M., Open House at the Center. **Wednesday, 6:00 P.M.,** Center, Program of Christmas readings and music. **CHRISTIAN SCIENCE ORGANIZATION:** Tuesday, 6:45 P.M., East Duke Chapel.

EPISCOPAL UNIVERSITY CENTER: Sunday, 9:30 A.M., Chapel of St. Michael, Holy Communion; 6:00-7:45 P.M., Christmas Dinner and Carol Sing—All Episcopalians in the University community are invited. **Wednesday, 7:10 A.M. and 5:30 P.M.,** Center, Holy Communion. The Center will be closed during the holidays. Services will be resumed on The Feast of the Epiphany (January 6).

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Green Room, East Duke Building, East Campus, Christmas Program—Devotions, refreshments and group carol singing.

METHODIST CENTER: Sunday, 9:30 A.M., Center, Seminar Groups; 6:00 P.M., Center, The Trinity Methodist Church Choir will present *Gloria* by Antonio Vivaldi, under the direction of Joseph Secrest. **Wednesday, Center, 6:00 P.M.,** Holy Communion.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 6:15 P.M., meet at East Campus Circle for a joint meeting with the United Student Fellowship to go Christmas caroling, ending with a Christmas party at the Congregational Christian Church. Wear warm clothes.

UNITED STUDENT FELLOWSHIP (Open to all Congregational Christian, Evangelical and Reformed, United Church of Christ, and Disciples of Christ students): **Sunday, 6:15 P.M.,** meet at East Campus Circle for a joint meeting with Presbyterians to go Christmas caroling, ending with a Christmas party at the Congregational Christian Church. Wear warm clothes.

CHRISTMAS IN WORD AND MUSIC

"Christmas in Word and Music" will be presented on Sunday evening, December 16th, at 8:00 p.m., in the Duke Chapel. Composed and presented for the first time two years ago, it was repeated last year, and now by popular request it is being presented again. Consisting of selections from the finest Christmas music, the most representative Scriptural recitals of Christmas, and beloved carols, the service of worship gives the prophecy of the coming of Jesus Christ and the fulfillment of that prophecy. Choral music will be presented by the Men's Chorus and the Women's Chorus. A variety of instrumental music will be included. The Presiding Minister will be the Reverend Howard C. Wilkinson, Chaplain to the University and the Reader will be the Reverend Professor James T. Cleland, Dean of the Chapel. Additional participants will be announced later.

ENGINEERING FACULTY COUNCIL MEETING

The Engineering Faculty Council will meet on Monday, December 17th, at 4:00 p.m. in the Conference Room of the Engineering Building.

WESLEY PLAYERS PRESENT ONE-ACT PLAYS

The Wesley Players of the Duke University Methodist Student Center will present on Sunday, Monday, and Tuesday evenings, December 16th, 17th, and 18th, at 8:15 p.m., in the Student Center on Oregon Street, "An Evening of Three Famous One-Acts." The program consists of *The Bald Soprano* by Eugene Ionesco—the theater of the absurd directed by James Gillikin, *It Shouldn't Happen to a Dog* by Wolf Mankowitz—a Yiddish satire directed by James Zelner, and *The Respectful Prostitute* (La Putain Respectueuse) by Jean-Paul Sartre—a realistic drama dealing with the racial issue directed by Buck Roberts. Admission to this production will be priced at \$1.00.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. S. Matiur Rahman for the Ph.D. degree in Psychology will be held on Monday, December 17th, at 10:30 a.m. in Room 206 Psychology Laboratory. The subject of Mr. Rahman's dissertation is "Attractiveness of Goal Objects as a Function of Dissonance Reduction." The committee to conduct the examination consists of Professors Jack W. Brehm, Donald K. Adams, Alan C. Kerekhoff, Fritz Heider, and Edward E. Jones. Professor Brehm will preside.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, December 17th, in the auditorium of the Biological Sciences Building at 4:15 p.m. Drs. Karl Wilbur and Norimitsu Watabe, from the Department of Zoology will speak on "Experimental Studies of Calcification in Molluscs and A Marine Alga." Coffee and tea will be served in the foyer at 4:00 preceding the seminar.

S. U. CAROLS THE FACULTY

On Monday evening, December 17th, the Student Union will again carol the faculty and invite all the families living in the areas near the campus to come out and join in the singing.

Trucks, bearing the carollers reinforced with a portable organ, will circle through the nearby areas stopping for singing at the following locations and times:

6:15 p.m. Assembling—Chapel Steps

6:45 p.m. First Stop—Corner Wrightwood and Dwire

7:30 p.m. Second Stop—Corner Woodburn Road and Dogwood Road

8:15 p.m. Third Stop—Corner Sevier and Woodburn Road

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, December 18th, at 4:00 p.m. in Room 114 Physics Building. Dr. David Dean of Duke University will speak on "Decompositions in Certain Continuous Function Spaces." Coffee will be served at 3:30 p.m. in Room 128 preceding the seminar.

TERPSICHOREAN CHRISTMAS CONCERT

Terpsichorean, the modern dance club of Duke University, will present its annual Christmas Concert on Monday and Tuesday evenings, December 17th and 18th, at 8:15 p.m. in Branson Hall. No admission will be charged.

The program, consisting primarily of medieval dances and carols, follows:

Medieval Introductory Solo
Pam Cull—Choreographer and Soloist

Medieval Court Dance
Sylvia Shearer—Choreographer

Margaret Spivey	}	Dancers
Pam Cull		
Patricia Hughes		
Sylvia Shearer		

“Creation of Man”—Morality play of the Medieval York Cycle
Presented as a reading by the Wesley Players
under the direction of Thorton Penfield.
Jeanne Thompson—Choreographer

Carol Rinehart	}	Dancers
Thomas Walker		
Jeanne Thompson		

Medieval Court Dance
Pam Cull—Choreographer

Sylvia Shearer	}	Dancers
Joan Weber		
Mia Bulgariu		
Rebecca Meyers		
Wendy Higdon		

American Indian Christmas Carols
Jo Ann White—Choreographer

Love Meeker	}	Dancers
Lois Parker		
Judith Carr		
Jo Ann White		

“Masque of St. Roch”—Duke Players reading;
Director—Richard Parks

Flemish Christmas Carol
Mary Caroline Heald—Choreographer

Russel Carden	}	Dancers
Love Meeker		
Margaret Spivey		
Joan Weber		
Mary Caroline Heald		

“Shepherds’ Story” (Carol)
Mia Bulgariu—Choreographer

Kathrine Kittelle	}	Dancers
Gail Burgess		
Russel Carden		
Eloise Wolley		
Mia Bulgariu		

The program, “in the round,” will add to the enjoyment of the Christmas spirit. The University Community is cordially invited to attend.

PSYCHOLOGY COLLOQUIUM

There will be a Psychology Colloquium on Monday, December 17th, at 4:30 p.m. in Room 209 Bivins Building. The speaker, Dr. Louis Guttman, Visiting Professor at the Department of Sociology and Anthropology, Michigan State University, will speak on “Anxiety and Status: An Example of the Principal Components of Scalable Attitudes.” This colloquium is sponsored by the Department of Psychology and the Department of Sociology and Anthropology at Duke, and the Psychometric Laboratory at UNC. Coffee will be served at 4:00 p.m.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, December 19th, at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium) West Campus. The speaker will be Dr. J. E. Varner of RIAS, the Research Institute for Advanced Study, Baltimore, Maryland. Dr. Varner is a plant biochemist who has worked on nitrogen metabolism and metabolism of succulents. He is now working on aging in plant cells and has obtained some very interesting information concerning the control of enzyme formation in germinating seeds. His title will be “Enzyme Formation in the Cotyledons and Endosperm of Germinating Seeds.” Refreshments will be served at 4:00 p.m.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, January 3rd, at 12:30 p.m. in Room 144 Biological Sciences Building. Mr. Lee Miller, associated with the Brookhaven Ecology Project before coming to Duke, will speak on “Ecological Research in the Atomic Age,” a description of some of the research in radiocology now under way at the Brookhaven National Laboratory. The talk will be illustrated with colored slides.

Interested members of the University Community are invited to attend.

ARTISTS SERIES RUGGIERO RICCI, VIOLINIST

The third concert of the 1962-63 Artists Series, Ruggiero Ricci, violinist, will be presented on Friday, January 4th, at 8:15 p.m. in Page Auditorium. Three decades have passed since Ruggiero Ricci catapulted into legend as a wiry little boy of eight, acclaimed “the greatest musical genius since Mozart.” Now an internationally renowned artist in his prime, with more than 2,000 concert triumphs behind him, Ricci has successfully crossed the treacherous seas of one of the most spectacular child prodigy careers to become, in the recent opinion of *The New York Times*, “An undisputed master.” The latest American musician to win acclaim from the Russians, Ricci provided what the *New York Times* termed “one of the more extraordinary musical experiences of the season.”

A Student Union Pre-Artists Series seminar will precede the concert at 7:00 p.m. in Room 208 Flowers Building. Mrs. Julia Meuller of the Music Department will be the speaker for the seminar. The public is cordially invited to attend.

Reserve seat tickets are available priced at \$2.00. They may be secured by coming to Room 202-A Flowers Building or by calling 681-0111 extension 2911.

FRENCH AND SPANISH GRADUATE EXAMINATIONS

The French and Spanish Examinations for candidates for graduate degrees will be given January 4th, in Room 125 Engineering Building at 4:00 p.m. Candidates register in the Graduate School Office for this examination not later than December 14th.

PSYCHOLOGY COLLOQUIUM

There will be a Psychology Colloquium on Friday, January 4th, at 4:00 p.m. in Room 209 Bivins Building. The speaker, Dr. Richard Champion of the University of Sidney, Australia and visiting Professor at Yale University this year, will discuss research on the learning process. Coffee will be served at 4:00 p.m.

ADVANCE NOTICE GUEST ORGAN RECITAL

Edmund B. Wright, Professor of Organ, Hollins College, Virginia, will present an organ recital on Sunday, January 6th, at 4:00 p.m. in the University Chapel. The public is cordially invited to attend. The program follows:

Canzonetta *Dietrich Buxtehude*
(1637-1707)

Canonic Variations on "Vom Himmel hoch,
da Komm' ich her" *Johann Sebastian Bach*
(1685-1750)

all' Ottava
alla Quinta
alla Settima
all' Ottava per augmentationem
al rovescio

1) alla Sesta 2) alla Terza 3) alla Seconda 4) alla Nona
Toccata in F major *Johann Sebastian Bach*
Fantasia *John Diercks*
(1927-)

With spirit
Moving
Fast

Choral *Arthur Honegger*
(1892-)

Symphonie Passion, Op. 23 *Marcel Dupré*
(1886-)

Le Monde dans l'attente du Sauveur
Nativité
Crucifixion
Resurrection

DUKE MADRIGAL SINGERS RECORDINGS

There are a few recordings left of last year's Madrigal Singers performances. Priced at \$3.50 each, the 12-inch long-play discs contain the following items:

Bach Motet VI—Lobet den Herrn, alle Heiden, Alleluia
Gregorian Chants from Christmas Vespers

Verdi-Lauda alla Vergine Maria
(Nancy Lassiter, Elender Dennis, Claudia Bray, Katrina Sutton)

E la don don, Verges MARIA—16th Century Spanish Dance
Song

(Alan Clugston and the Madrigal Singers)
Persichetti-Mass conducted by the composer

Also featured on the recording are Frank Bennett, percussionist; Alice Wilkinson, harpsichordist; and Martha Jane Gilreth, 'cello.

If records are desired, please phone Eugenia Saville, Director of the Duke Madrigal Singers, at either Extension 2534 or 489-9234.

ADVANCE NOTICE STUDENT UNION SPEAKERS SERIES

The Educational Affairs Committee will present as the second participant in the Student Union Major Speakers Series the Reverend C. Kilmer Myers, S.T.D., L.I.L.D., Vicar, Chapel of the Intercession, Trinity Parish, New York City. Father Myers will speak on Tuesday, January 8th, at 8:15 p.m. in the Woman's College Auditorium, on the topic "Some Meanings of Today's Youth Movements." He will approach this subject from his personal experience and from psychological and sociological viewpoints.

NOTE: Quadrangle Pictures will be closed during the Christmas Recess, December 20th-January 4th. After the holidays "PURPLE NOON" will be shown on Saturday, January 5th.

1963 DUKE CALENDARS

The pictorial DUKE CALENDAR for 1963, published by the Social Standards Committee of East Campus is now on sale. Copies may be purchased on West Campus through the Alumni Office, 106 Union Building, and on East Campus through Dean Wilson's office, 108 East Duke Building, or from the Social Standards Committee representatives in all the East Campus dormitories. The price of the calendar is \$1.50 per copy.

UNIVERSITY SPRING ACTIVITIES CALENDAR NOTICE

Announcements for the printed UNIVERSITY SPRING ACTIVITIES CALENDAR, compiled, published, and distributed by the Student Union's Special Service Committee at the beginning of each semester, must be in Room 202-A Flowers Building by Wednesday, December 20th, in order to be in the printer's hands for a February first release. Faculty and staff members scheduling events for the Spring Semester are urged to get their announcements in at once.

HOLIDAY PLANS FOR INTERNATIONAL COMMUNITY

The international students and personnel of the University Community would enjoy seeing Christmas as a traditional family holiday. All members of the faculty and staff who would like to share a religious service, a Christmas concert, a tour of the town to see the decorations, or even the arrival of Santa in your home may receive the name of a foreign student who will be remaining in Durham during the Christmas recess by contacting Valeen T. Avery, Assistant Foreign Student Advisor, 207 Flowers Building, extension 3869. These students will appreciate your thoughtfulness as they find themselves alone throughout our gay holiday season.

LIBRARY SCHEDULE CHRISTMAS RECESS, 1962

During the Christmas Recess (December 20, 1962 through January 2, 1963) the University Libraries will be open and operating according to the following schedules:

GENERAL LIBRARY

Thursday, Dec. 20-Friday, Dec. 21	8:00 a.m.-5:00 p.m.
Saturday, Dec. 22	8:00 a.m.-1:00 p.m.
Sunday, Dec. 23-Tuesday, Dec. 25	CLOSED
Wednesday, Dec. 26-Fri., Dec. 28	8:00 a.m.-5:00 p.m.
Saturday, Dec. 29	8:00 a.m.-1:00 p.m.
Sunday, Dec. 30	CLOSED
Monday, Dec. 31	8:00 a.m.-5:00 p.m.
Tuesday, Jan. 1, 1963	CLOSED
Wednesday, Jan. 2	8:00 a.m.-5:00 p.m.
Thursday, Jan. 3	Resume regular schedule

WOMAN'S COLLEGE LIBRARY

Thursday, Dec. 20	8:00 a.m.-5:00 p.m.
Friday, Dec. 21	9:00 a.m.-5:00 p.m.
Saturday, Dec. 22	9:00 a.m.-1:00 p.m.
Sunday, Dec. 23-Tues., Jan. 1, 1963	CLOSED
Wednesday, Jan. 2	9:00 a.m.-5:00 p.m.
Thursday, Jan. 3	Resume regular schedule

Christmas schedules for other University libraries will be posted.

Note: All units of the General Library will be open according to the above schedule except as follows:

Graduate Reading Room	Closed December 26-30
Manuscripts Department	Closed from 12:00-1:00 each day.
Newspaper Department	Closed from 12:00-1:00 each day.
Rare Book Room	Closed from 12:00-1:00 each day.

INTERNATIONAL RELATIONS GRANTS

The University Committee on International Relations now has available certain funds which will be used for a limited number of grants. The purpose of these grants will be to stimulate and strengthen teaching and research in international relations at all levels of the University. All members of the faculty will be eligible for the grant, but special consideration will be given to younger scholars, and to those developing new courses or areas of study. Grants may be made for summer research, travel, and similar activities.

Applications should be submitted to Mr. William Yohe, Department of Economics, Room 203 F Social Science Building, and should contain a specific description of the intended project together with an estimate of the time required to complete the project and of the funds needed from this Committee. The applicant should also provide information about requests for funds which have been or may be submitted to other groups. Since available funds are limited, applications should be submitted as soon as feasible and in no event later than February 15th. Further details can be obtained from Mr. Yohe or other members of the Committee—David G. Bradley, Joel Colton, Robinson O. Everett, Harris Proctor, and Patrick R. Vincent.

MUSIC NOW

WUNC-TV (Chapel Hill, Channel 4) is presenting a rerun of **Music Now**, a series of ten programs dealing with the most important influences and trends in twentieth century music.

Host of the series is Iain Hamilton, British composer and Mary Duke Biddle Professor of Music at Duke University. The series was produced by WUNC-TV in co-operation with the Duke University Department of Music. Performers of the musical illustrations are primarily faculty members of the Duke University Department of Music. The North Carolina String Quartet and Ethel Casey, Soprano from Raleigh, North Carolina, were also presented. The concluding program will be a summary lecture by Mr. Hamilton on Sunday, December 16th, at 7:30 p.m.

NOTICES FOR THE UNIVERSITY WEEKLY CALENDAR

Deadline for notices to appear in the January 6th-12th, 1963 issue of the University Weekly Calendar must be submitted in written form to Room 202-A Flowers Building not later than 1:00 p.m. on Wednesday, January 2nd.

DUKE UNIVERSITY 1962-63 VARSITY BASKETBALL SCHEDULE

COACH: VIC BUBAS

Date	Opponent	Place
Dec. 28	Princeton	Durham
Dec. 29	Wake Forest	Greensboro
Jan. 2	Virginia	Durham
Jan. 5	N. C. State	Durham
Jan. 9	Navy	Annapolis, Md.
Jan. 12	Clemson	Durham
Jan. 26	West Virginia	Durham
Jan. 29	South Carolina	Columbia, S. C.
Feb. 2	North Carolina	Chapel Hill
Feb. 6	Wake Forest	Winston-Salem
Feb. 9	N. C. State	Raleigh
Feb. 13	Virginia	Charlottesville, Va.
Feb. 16	Wake Forest	Durham
Feb. 19	Maryland	College Park, Md.
Feb. 23	North Carolina	Durham
Feb. 28, Mar. 1-2	ACC Tournament, Raleigh	

TICKET INFORMATION

Season Tickets for all Home Games are priced as follows: Side Court...\$22.00 each Corners...\$16.50 each. South End—Family Plan Area: Adults \$11.00—Children \$5.50 Individual game tickets for all Home Games are priced at \$2.50 each.

Address all ticket orders to Business Manager, Duke Athletic Association, Durham, N. C., and include check to cover cost of tickets plus 25¢ for insured mailing with each order.

WEEK OF

Jan. 6-12, 1963

WEEK OF

Jan. 6-12, 1963

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, Jan. 6

Denominational Meeting. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship, University Chapel. Preacher: The Reverend Dr. McMurry S. Richey, Associate Professor of Theology and Christian Nurture, The Divinity School. Sermon: "O Lord, Lighten Our Darkness." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Guest Organ Recital: Professor Edmund B. Wright, Professor of Organ, Hollins College, Virginia. Chapel.

Monday, Jan. 7

3:30 p.m. The final examination of Mr. Walter F. Daves for the Ph.D. degree in Psychology. Room 204 Bivins Building.

4:15 p.m. Zoology Seminar. Auditorium of the Biological Sciences Building. Speaker: Dr. Alan E. Stiven.

4:30 p.m. Fallout Committee. Board Room Allen Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:00 p.m. Erasmus Club Meeting. Green Room, East Duke Building.

Tuesday, Jan. 8

10:10 a.m. Divinity School Chapel. York Chapel. Professor O. Kelly Ingram.

12:45-2:00 p.m. Madrigal Singers Rehearsal.

3:00-5:00 p.m. Campus Club Tea. University House.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

6:15 p.m. Freshman Basketball: Duke versus U.N.C. Indoor Stadium.

7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.

8:15 p.m. Student Union Major Speakers Series: Father C. Kilmer Myers. Woman's College Auditorium.

Wednesday, Jan. 9

10:10 a.m. Divinity School Chapel. York Chapel. Professor O. Kelly Ingram.

4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building. (Auditorium) Speaker: Mr. George R. Herbert.

4:30 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 114 Physics Building. Speaker: Dr. Carl Oberman.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

7:00-9:05 p.m. Quadrangle Pictures. Page Auditorium. "PURPLE NOON" with Alain Delon and Maria La Foret. Rene Clement's movie is "A thriller, more than tingling, that is as fascinating as it is dazzlingly beautiful . . . as sharply, smoothly cut as a diamond."—*N. Y. Times*. "A new French thriller, well acted . . . an absolutely hair-raising climax. Go to the Picture on Time and resign yourself to agreeable bafflement from start to almost finish."—*The New Yorker*.

8:15 p.m. Basketball: Duke versus Navy. Annapolis.

Thursday, Jan. 10

10:10 a.m. Divinity School Chapel. York Chapel. Mr. Nolan Hudson.

11:30 a.m. Civil Engineering Seminar. Room 120 Engineering Building. Speaker: Mr. Edward W. Snyder.

3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15 p.m. Faculty Volleyball. Indoor Stadium.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, Jan. 11

10:10 a.m. Divinity School Chapel. York Chapel. Professor O. Kelly Ingram.

3:00 p.m. Political Science Graduate Seminar. Room 208 Flowers Building. Speaker: Professor Alexander Heard.

4:15-6:00 p.m. Duke Concert Band practice. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.

6:30 p.m. Angier B. Duke Recognition Dinner. West Union Ballroom.

Saturday, Jan. 12

12:30 p.m. Fall Semester Classes end.

6:15 p.m. Freshman Basketball: Duke versus East Carolina. Indoor Stadium.

7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "HAROLD LLOYD'S WORLD OF COMEDY," with the original sound track, includes selected scenes from some of the most hilarious and hair-raising situations only that master comedian and stunt man could get in and out of. "A comedian of joyous elasticity and boundless inventiveness. This grand selec-

tion should be a joy and delight in this sad world."—*N. Y. Times*. "Wildly hilarious. . . Best entertainment in town."—*Cue*.

8:15 p.m. Basketball: Duke versus Clemson. Indoor Stadium. Student Union Candlelight Cabaret following the game. Union Ballroom.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. McMurry S. Riehey, Associate Professor of Theology and Christian Nurture, the Divinity School, will deliver the sermon at the University Service of Worship on Sunday, January 6th, at 11:00 a.m. in the University Chapel. His subject will be "O Lord, Lighten Our Darkness." The order of service follows:

Opening Organ Voluntary

Toccata and Fugue in D minor

Bach

Chorale-Prelude

Bach

Choral Adoration—"Sanctus" from Mass II

Hassler

Hymn—"Come, Thou Almighty King"

Felice de Giardini

The Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Hallelujah!"

Georg F. Handel

Scripture Lesson—Luke 2:25-35; II Corinthians 4:1-7

Hymn—"Jesus Shall Reign"

John Hatton

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—"O Heart Subdued with Grieving"

Johannes Brahms

Response—The Doxology

Prayer of Dedication

Sermon—"O Lord, Lighten Our Darkness"

Prayer

Benediction

Choral Response—"Sevenfold Amen"

Stainer

The Chimes

Closing Organ Voluntary—Carillon

Vierne

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Walter F. Daves for the Ph.D. degree in Psychology will be held on Monday, January 7th, at 3:30 p.m. in Room 204 Bivins Building. The subject of Mr. Daves' dissertation is "An Experimental Analysis of Perceptual Discrimination in the Cat: The Effective Properties of Objects and the Discriminatory Behavior of the Animal." The committee to conduct the examination consists of Professors Karl E. Zener, Irving T. Diamond, Mercedes Gaffron, Norman Guttman, and Talmadge Peele. Professor Zener will preside.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, January 7th, in the auditorium of the Biological Sciences Building at 4:15 p.m. Dr. Alan E.

Stiven from the Department of Zoology, University of North Carolina, will speak on "Induced Epidemics in Populations of Hydra and *Hydramoeba Hydroxena*." Coffee and tea will be served in the foyer at 4:00 p.m. preceding the seminar.

GUEST ORGAN RECITAL

Edmund B. Wright, Professor of Organ, Hollins College, Virginia, will present an organ recital on Sunday, January 6th, at 4:00 p.m. in the University Chapel. The public is cordially invited to attend. The program follows:

Canzonetta *Dietrich Buxtehude*
(1637-1707)

Canonic Variations on "Vom Himmel hoch,
da Komm' ich her" *Johann Sebastian Bach*
(1685-1750)

all' Ottava
alla Quinta
alla Settima
all' Ottava per augmentationem
al rovescio

1) alla Sesta 2) alla Terza 3) alla Seconda 4) alla Nona
Toccata in F major *Johann Sebastian Bach*
Fantasia *John Diercks*
(1927-)

With spirit
Moving
Fast

Choral *Arthur Honegger*
(1892-)
Symphonie Passion, Op. 23 *Marcel Dupré*
(1886-)

Le Monde dans l'attente du Sauveur
Nativité
Crucifixion
Resurrection

ERASMUS CLUB MEETING

The Erasmus Club will meet on Monday, January 7th, at 8:00 p.m. in the Green Room, East Duke Building. Donald Reiman of the Department of English will speak on Wordsworth and Shelley.

CAMPUS CLUB TEA

The Campus Club will give a tea in the University House on Tuesday, January 8th from 3:00-5:00 p.m. Guests on this occasion will be the wives of the faculty of the University of North Carolina. Mrs. Martin Black will be general chairman of the event; assisting her will be the Departments of Economics, Music, Art, Obstetrics and Gynecology, and Pediatrics.

STUDENT UNION SPEAKERS SERIES

The Educational Affairs Committee will present as the second participant in the Student Union Major Speakers Series the Reverend C. Kilmer Myers, S.T.D., L.H.D., Vicar, Chapel of the Intercession, Trinity

Parish, New York City. Father Myers will speak on Tuesday, January 8th, at 8:15 p.m. in the Woman's College Auditorium, on the topic "Some Meanings of Today's Youth Movements." He will approach this subject from his personal experience and from psychological and sociological viewpoints.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, January 9th, at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium). The seminar speaker will be Mr. George R. Herbert, President of the Research Triangle Institute. Mr. Herbert will discuss the organization of the Research Triangle and the role which it is expected to play in this area.

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

The Joint Duke-U.N.C. Physics Colloquium will meet on Wednesday, January 9th at 4:30 p.m. in Room 114 Physics Building, Duke University. The speaker will be Dr. Carl Oberman of the Plasma Laboratory, Princeton University. His topic will be "Physical Problems in Fusion."

CIVIL ENGINEERING SEMINAR

Mr. Edward W. Snyder of the Civil Engineering Department will speak at the Civil Engineering Seminar on Thursday, January 10th, at 11:30 a.m. in Room 120 of the Engineering Building. The subject of Mr. Snyder's address will be "Unsteady State Forced Air Flow in a Closed Conduit." All interested persons are cordially invited to attend.

POLITICAL SCIENCE GRADUATE SEMINAR

The meeting of the Political Science Graduate Seminar will be held on Friday, January 11th, at 3:00 p.m. in Room 208 Flowers Building. The guest speaker will be Professor Alexander Heard, Dean of the Graduate School of the University of North Carolina and Chancellor Elect of Vanderbilt University. His subject will be "Research, Reform and the Unfinished Constitution."

ANGIER B. DUKE RECOGNITION DINNER

The fifteenth annual recognition dinner in honor of the Angier B. Duke Memorial Scholarship recipients will be held on Friday evening, January 11th at 6:30 p.m. in the West Union Ballroom. Miss Betsy Gwynn, a senior in the Woman's College will be the speaker for the occasion.

UNDERGRADUATE FACULTY COUNCIL

There will be no meeting of the Undergraduate Faculty Council in January.

ART EXHIBITIONS

The Student Union and the Department of Art announce two new exhibitions now ready for viewing: **German Expressionism** in the Gallery of the Woman's College Library on East Campus and **The Artist in His Studio** in the Alumni Lounge, West Union Building. These exhibits may be seen until January 27th and are open to the public without charge.

German Expressionism, a loan exhibition from the Achenbach Foundation for Graphic Arts, California Palace of the Legion of Honor, is an exhibition of graphics by the major artists of the German Expressionist movement. This exhibition features the works of such artists as Heckel, Krichner, Nolde, Pechstein, Paula Becker, Schmidt-Rottluff, and Marc. In the translation and reduction to the graphic media these artists have gained a maximum of effect by a minimum of means. The fifty or more works to be exhibited here are characterized by the introspective imagery and rugged power which dominated the greatest German art of the teens and twenties.

The Artist in His Studio, a circulating exhibition from the Museum of Modern Art, includes intimate photographic essays by Alexander Liberman on Braque, Chagall, Dubuffet, Giacometti, Leger, Matisse, and Rouault which document the leading artists of the school of Paris. Painters and sculptors are revealed at work and at play in their country and city houses and in their studios. This exhibition which consists of thirty-eight color and ninety-nine black and white photographs reveals the personalities of these artists both while they are working and when they are with their families.

ORINS SCIENCE COURSE FOR NON-SCIENTISTS

The University Relations Division of the Oak Ridge Institute of Nuclear Studies (ORINS) will present an unusual program next summer—a special science course for college teachers of non-science subjects.

The institute, from June 17 through July 26, is being sponsored by the Division of Nuclear Science and Education, United States Atomic Energy Commission.

The purpose of the institute will be to give non-science university and college teachers an increased awareness of science in general and nuclear science and technology in particular so that they can incorporate a fuller discussion of science within the context of their own disciplines.

Participants in the six-week institute, titled "Humanistic Discussions in Science," will be selected primarily from departments of economics, government, history, philosophy, political science, and sociology. In addition, a small group of scientists, primarily from Oak Ridge National Laboratory, will engage in the institute as participants-consultants.

Participants will be chosen on a nationwide basis. Regular sessions will be held at ORINS, with occasional visits and seminars at Oak Ridge National Laboratory. Several evening sessions will feature lecture-discussions by outstanding visiting scientists and lecturers.

Academic Director of the institute will be Derek J. de Solla Price of Yale University. Among the institute faculty leaders will be R. C. Anderson, Brookhaven National Laboratory, resident scientist; N. R. Hansen, Indiana University; and Everett Mendelsohn, Harvard University.

Deadline for applications for participation in the institute is March 1st, 1963. Further information can be obtained by writing to W. W. Grigorieff, Chairman, University Relations Division.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Robert H. Grimm for the Ph.D. degree in Philosophy was held on Thursday, January 3rd, at 4:00 p.m. in the Seminar Room, 211A West Duke Building. The subject of Mr. Grimm's dissertation is "Subject-Predicate Sentences." The committee conducting the examination consisted of Professors Charles A. Baylis, R. L. Clark, N. L. Wilson, Robert W. Binkley, and D. K. Adams. Professor Baylis presided.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. W. P. N. Tyler for the Ph.D. degree in History was held on Thursday, January 3rd, at 2:00 p.m. in the Conference Room of the University Library. The subject of Mr. Tyler's dissertation is "Sir Frederic Rogers as Colonial Permanent Undersecretary, 1860-1871." The committee conducting the examination consisted of Professors W. B. Hamilton, John H. Hallowell, Alan K. Manchester, Harold T. Parker, and Charles Young. Professor Hamilton presided.

DUKE UNIVERSITY PREACHING SCHEDULE, SPRING SEMESTER 1963

February 3—Holy Communion—Dean James T. Cleland, Celebrant
Dr. Thomas A. Langford, Preacher, Assistant Professor of Religion
February 10—Dean James T. Cleland
February 17—World Day of Prayer for Students—Chaplain
Howard C. Wilkinson
February 24—Pastor Martin Niemoller, President, World Council of Churches
March 3—Dean James T. Cleland
March 10—Dr. Waldo Beach, Professor of Christian Ethics,
The Divinity School
March 17—Dr. Mildred McAfee Horton, President Emeritus,
Wellesley College
March 24—Spring Recess
March 31—Spring Recess
April 7—Palm Sunday—Dr. Robert E. Cushman, Dean, The
Divinity School
April 14—Easter—Dean James T. Cleland
April 21—Parents Weekend—Chaplain Howard C. Wilkinson
April 28—Dr. Ralph W. Sockman, Director, The Hall of Fame,
New York
May 5—Dean James T. Cleland
May 12—Canon Charles E. Raven, Chaplain to the Queen of
England
May 19—Chaplain Howard C. Wilkinson
May 26—Dr. Hugh Anderson, Professor of Biblical Theology,
The Divinity School

WEEK OF
Jan. 13-19, 1963

CALENDAR

WEEK OF
Jan. 13-19, 1963

OF DUKE UNIVERSITY



Events of the Week

Sunday, Jan. 13

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship, University Chapel. Preacher: The Reverend Dr. James L. Price, Jr., Chairman, The Department of Religion, Duke University. Sermon: "On Losing Sight of God's Reality." Broadcast over Radio Station WDNC and WDNC-FM.

5:00 p.m. Bahai Meeting. Friends Meeting House. Speaker: Mathew Bullock.

Monday, Jan. 14

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

Tuesday, Jan. 15

Final Examinations begin.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.

Wednesday, Jan. 16

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:10 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "HAROLD LLOYD'S WORLD OF COMEDY," with the original sound track, includes selected scenes from some of the most hilarious and hair-raising situations only that master comedian and stunt man could get in and out of. "A comedian of joyous elasticity and boundless inventiveness. This grand selection should be a joy and delight in this sad world." —N. Y. Times. "Wildly hilarious. . . . Best entertainment in town."—Cue.

7:30 p.m. Psychiatric Resident's Group Meeting. Room 2031, Duke Hospital. Speaker: Dr. Franz J. Kallman.

Thursday, Jan. 17

9:30 a.m. Psychiatric Resident's Group Meeting. Room 2031, Duke Hospital. Speaker: Dr. Franz J. Kallman.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-10:00 p.m. Newcomer's Club Meeting: "Evening with Mrs. Beu Powell, Interior Decorator."
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, Jan. 18

- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker, Dr. Irvin Kremen, Michigan State College.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.

Saturday, Jan. 19

- 7:10 and 9:00 p.m. Quadraugle Pictures. Page Auditorium. "HAROLD LLOYD'S WORLD OF COMEDY," with the original sound track, includes selected scenes from some of the most hilarious and hair-raising situations only that master comedian and stunt man could get in and out of. "A comedian of joyous elasticity and boundless inventiveness. This grand selection should be a joy and delight in this sad world."—*N. Y. Times*. "Wildly hilarious. . . . Best entertainment in town."—*Cue*.
- 8:15 p.m. Chamber Arts Society: Hermann Prey, baritone. Music Room, East Duke Building.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. James L. Price, Jr., Chairman, The Department of Religion, Duke University, will deliver the sermon at the University Service of Worship on Sunday, January 13th, at 11:00 a.m. in the University Chapel. His subject will be "On Losing Sight of God's Reality." The order of service follows:

Opening Organ Voluntary—Prelude in F major *Buxtehude*
Canzon *Arcadelt-Liszt*

Choral Adoration—"Sanctus" from Mass II *Hassler*

Hymn—"The God of Abraham Praise"
arr. from a Hebrew melody

The Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"All Mighty God, Who Hast Me Brought"

Thomas Ford

Scripture Lesson—Genesis 35; II Corinthians 3 and 4
(selected passages)

Hymn—"If Thou But Suffer God to Guide" *Georg Neumark*
Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession,
Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Rise Up, Arise" *Mendelssohn*

Response—The Doxology

Prayer of Dedication

Sermon—"On Losing Sight of God's Reality"

Prayer

Benediction

Choral Response—"Sevenfold Amen" *Stainer*

The Chimes

Closing Organ Voluntary—Allegro Maestoso
(from "Water Music") *Handel*

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Saturday, January 26-Tuesday, January 29, No studies, no lectures, only the books you want to read; ski; mountain climbing; sleep; eat—sponsored by B. S. U. at Ridgecrest, North Carolina. For information and registration call 286-6097 or Chapel office.

METHODIST CENTER: Sunday, 6:00 P.M., Worship. Wednesday, 6:00 P.M., Holy Communion. The Student Center will be open during examination period for use as a study hall.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 6:15 P.M., Center, Service of Holy Communion.

BAHAI MEETING

"Discovering Unity in Religion" will be the theme of Mathew Bullock's talk as he discusses the Bahai Faith at the Friends Meeting House on Sunday, January 13th at 5:00 p.m. Mr. Bullock is a graduate of Harvard Law School and is former dean of Alabama A. and M. College.

PSYCHIATRIC RESIDENT'S GROUP MEETING

Dr. Franz J. Kallman, Department of Psychiatry, Columbia University, will be presented by the Duke Psychiatric Resident's Group as a guest speaker on Wednesday, January 16th at 7:30 p.m. and Thursday, January 17th at 9:30 a.m. for grand rounds in Room 2031, Duke Hospital. Dr. Kallman will present a two part discussion on "Recent Advances of Genetics in Psychiatry."

All interested persons are invited to attend.

CHAMBER ARTS SOCIETY

Hermann Prey, Baritone

The Chamber Arts Society announces the fourth concert of its season, an evening of German *lieder* composed by Franz Schubert and Robert Schumann, to be sung by Hermann Prey, baritone, assisted by Paul Ulanowsky at the piano. The concert will be given Saturday, January 19th, in the Music Room, East Duke Building at 8:15 p.m.

The SCHUBERT songs include the following: *Sehnsucht, An den Fruhling, Der Pilgrim, Die Hoffnung, An den Mond, Schaefer's Klagelied, Ganymed, Der Musensohn, To Sylvia (Shakespeare), Im Fruhling, Der Blumenbrief, Der Wanderer an den Mond.*

The SCHUMANN songs (*Dichterliebe*, Opus 48) are settings of sixteen poems by Heinrich Heine, beginning with *Im wunderschönen Monat Mai* and closing with *Die alten, bösen Lieder*.

Admission: By membership card or by single-admission Guest Card costing \$2.50. About 100 Guest Cards are available and may be obtained at the door of the Music Room on the evening of the concert, from 7:30-8:00 p.m.

Other Chamber Music Concerts scheduled by the Society this season include:

Saturday, February 9th

Albeniz Trio (Piano-Violin-Cello)

Saturday, March 9th

Duo Di Roma (Piano-Cello)

The Chamber Arts Society is a non-profit organization; membership is open to all persons. For further information address Chamber Arts Society, c/o Ernest W. Nelson, Box 6065 College Station, Durham, N. C.

ADVANCE NOTICE STUDY GROUP ON PROBLEMS OF WORLD ORDER

Daniel G. Partan, Research Associate at the World Rule of Law Center, will lead an informal study group on problems of world order during the spring semester. The purpose of the study group is to develop an exchange of ideas between persons from several fields on problems related to the regulation of the threat or use of force in international relations, the effectiveness of present peace-keeping machinery, and arms control and disarmament proposals. There will be twelve two-hour meetings on Thursday evenings beginning February 7th, at the World Rule of Law Center, in Room

201, Law School. The discussion will be based on a collection of readings entitled "Legal and Political Problems of World Order," compiled and edited by Professor Saul H. Mendlovitz of Rutgers University School of Law, and on a comprehensive plan for peace under law development by Grenville Clark and Louis B. Sohn, published by Harvard University Press under the title "World Peace Through World Law." Both books are available to study group participants at a special combined price of four dollars. Interested persons are urged to contact Mr. Partan promptly at the World Rule of Law Center, extension 3518. The study group will be limited to fifteen persons.

ADVANCE NOTICE

DURHAM CIVIC CHORAL SOCIETY

The Durham Civic Choral Society will begin its spring season on Monday, January 28th at 7:45 p.m. with rehearsals at the chorus room of Durham High School. The chorus will prepare Mozart's "Requiem" and Bach's Cantata #4, "Christ Lay in the Bonds of Death" under the direction of Dr. Paul R. Bryan. The spring concert will be held on April 1st at the Duke University Woman's College Auditorium. All adult singers of the Research Triangle area are cordially invited to join the choral society.

ART EXHIBITIONS

The Student Union and the Department of Art announce two new exhibitions now ready for viewing: **German Expressionism** in the Gallery of the Woman's College Library on East Campus and **The Artist in His Studio** in the Alumni Lounge, West Union Building. These exhibits may be seen until January 27th and are open to the public without charge.

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WEEK OF

Jan. 20-26, 1963

WEEK OF

Jan. 20-26, 1963

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, Jan. 20

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship, University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel, Duke University. Sermon: "A Lost Boy." Broadcast over Radio Station WDNC and WDNC-FM.

8:15 p.m. Mary Duke Biddle Foundation Concert: Triangle Little Symphony Orchestra. Page Auditorium.

Monday, Jan. 21

9:00 a.m. The final examination of Mr. Robert Revis Adams for the Ph.D. degree in Chemistry. Room 220 Chemistry Building.

5:00 p.m. Special Meeting of the Faculty. Address: President-elect Douglas Knight. Page Auditorium.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

Tuesday, Jan. 22

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.

8:15 p.m. Sonata Recital: Mr. Loren Withers, piano; Mr. Joseph Pepper, violin, visiting artist.

Wednesday, Jan. 23

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

NOTE: There will be no Quadrangle Picture showing.

Thursday, Jan. 24

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15 p.m. Faculty Volleyball. Indoor Stadium.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, Jan. 25

Final Examinations End.

4:00 p.m. Chemistry Staff Seminar. Room 01 Chemistry Building. Speaker: Dr. Lawrence C. Snyder.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.

Saturday, Jan. 26

Fraternity Rush (January 26-30)

1:30 p.m. The final examination of Mr. John Nelson Shaw for the Ph.D. degree in Chemistry. Room 220 Chemistry Building.

2:00 p.m. Basketball: Duke versus West Virginia University. Indoor Stadium. (Televised Game)

4:00 p.m. Freshman Basketball: Duke versus Pope Air Force Base. Indoor Stadium.

NOTE: There will be no Quadrangle Picture showing.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor James T. Cleland, Dean of the Chapel, Duke University, will deliver the sermon at the University Service of Worship on Sunday, January 20th, at 11:00 a.m. in the University Chapel. His subject will be "A Lost Boy." The order of service follows:

Opening Organ Voluntary—Three Chorale Preludes	<i>Oldroyd</i>
Choral Adoration—"Sanctus" from Mass II	<i>Hassler</i>
Hymn—"O worship the King"	<i>Johann M. Haydn</i>
The Prayer of Confession	
Words of Assurance	
The Lord's Prayer	
Anthem—"Now God Be Praised in Heav'n Above"	<i>Melchior Vulpius</i>
Scripture Lesson—Luke 15:11-24	
Hymn—"Come, Ye That Love the Lord"	<i>Aaron Williams</i>
Call to Prayer	
The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication	
The Offering	
Offertory Organ Interlude	
Anthem—"Hallelujah!"	<i>Georg Handel</i>
Response—The Doxology	
Prayer of Dedication	
Sermon—"A Lost Boy"	
Prayer	
Benediction	
Choral Response—"Sevenfold Amen"	<i>Stainer</i>
The Chimes	
Closing Organ Voluntary—Fugue in F Minor	<i>Bach</i>

DENOMINATIONAL ANNOUNCEMENTS

METHODIST CENTER: Sunday, 6:00 P.M., Worship. Wednesday, 6:00 P.M., Holy Communion. The Student Center will be open during examinations period for use as a study hall.

FIRST CHURCH FORUM

Announcement of particular interest to young members of the faculty and graduate schools is made by the First Presbyterian Church of a non-denominational supper-forum group which meets on alternate Sunday evenings. The First Church Forum is composed of young business and professional persons and

is particularly concerned with problems of social concern.

A meeting on Sunday, January 20th will have as its program a panel discussion of the subject "Should We Deny Death to the Dying." The panel will include Dr. Thor Hall, Duke Divinity School; Durham attorney, Mr. James Hedrick; and Durham physician, Dr. James Davidson. Supper, priced at 60¢ a person, will be served at 6:00 p.m.; no reservations are needed.

TRIANGLE LITTLE SYMPHONY CONCERT

A concert by the Triangle Little Symphony, Allan Bone, conducting, will be presented under the auspices of the Mary Duke Biddle Foundation on Sunday, January 20th, at 8:30 p.m. in Page Auditorium. The Triangle Little Symphony personnel is composed of adult residents and students of the triangle area of Durham, Raleigh and Chapel Hill. No admission fee will be charged and the campus community and general public are cordially invited to attend.

Soloists for the occasion will be Claudia Bray, soprano and senior voice major at Duke; Joseph Pepper, violinist and visiting artist in the Department of Music; Barbara Pepper, 'cellist of Durham; and Earnest Harrison, oboist, and Walter Maciejewicz, bassoonist, both of Washington, D. C. Mr. Bone is chairman of the Department of Music and conductor of the Duke Symphony Orchestra.

The program, which is also being presented in Raleigh at 4:00 p.m. on Sunday, January 20th at the Flemish Galleries of the North Carolina Museum of Art, will be as follows:

Symphony 99	<i>Haydn</i>
Adagio—Vivace assai	
Adagio	
Two Arias from "The Marriage of Figaro"	<i>Mozart</i>
Voi che sapete	
Non so più cosa son	
Claudia Bray, Soprano	
Romance in F Major, Opus 50	<i>Beethoven</i>
Joseph Pepper, Violin	
Sinfonie Concertante, Opus 84	<i>Haydn</i>
Allegro	
Andante	
Allegro con spirito	
Joseph Pepper, Violin	
Barbara Pepper, 'Cello	
Earnest Harrison, Oboe	
Walter Maciejewicz, Bassoon	
The Winter's Passed	<i>Wayne Barlow</i>
Earnest Harrison, Oboe	
Concert Piece	<i>Burrill Phillips</i>
Walter Maciejewicz, Bassoon	

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Robert Revis Adams for the Ph.D. degree in Chemistry will be held on Monday, January 21st at 9:00 a.m. in Room 220 Chemistry Building. The subject of Mr. Adams' dissertation is "Kinetics of the Condensation Reaction Between Methyl Ketones and Esters." The committee to conduct the examination consists of Professors J. H. Saylor, C. R. Hauser, Peter Smith, H. A. Strobel, and Hertha Sponer. Professor Saylor will preside.

SPECIAL MEETING OF THE UNIVERSITY FACULTY

The University Faculty will meet in special session in Page Auditorium on Monday, January 21st at 5:00 p.m. Dr. Douglas Knight, president-elect, will visit the campus on that day and has expressed a desire to talk briefly to the University Faculty.

SONATA RECITAL

The Department of Music will present a Beethoven sonata recital featuring Joseph Pepper, violin, and Loren Withers, piano, on Tuesday, January 22nd, at 8:15 p.m. in the Music Room, East Duke Building. Mr. Pepper is currently Visiting Artist in the Department of Music and Mr. Withers is Associate Professor of Music and Director of Piano Studies at Duke. Their program will be as follows and the campus community and general public are cordially invited to attend:

Sonata in A Minor, No. 4, Opus 23

Presto

Andante scherzoso, più allegretto

Allegro molto

Sonata in F Major, No. 5, Opus 24

Allegro

Adagio molto espressivo

Scherzo-Allegro molto

Rondo-Allegro ma non troppo

Sonata in C Minor, No. 7, Opus 30, No. 2

Allegro con brio

Adagio cantabile

Scherzo-Allegro

Finale-Allegro

CHEMISTRY STAFF SEMINAR

Dr. Lawrence C. Snyder from the Bell Telephone Laboratories, Murray Hill, New Jersey, will speak at the Chemistry Staff Seminar on Friday, January 25th at 4:00 p.m. in Room 01 of the Chemistry Building.

The subject of Dr. Snyder's address will be "Simple Wave Functions and the Electron Spin Resonance Spectra of Molecules having Triplet Ground Status."

All interested persons are invited to attend.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. John Nelson Shaw for the Ph.D. degree in Chemistry will be held on Saturday, January 26th at 1:30 p.m. in Room 220 Chemistry Building. The subject of Mr. Shaw's dissertation is "Monte Carlo Calculations for a System of Hard-Sphere Ions." The committee to conduct the examination consists of Professors J. C. Poirier, W. R. Krigbaum, Peter Smith, Pelham Wilder, and G. J. Kurowski. Professor Poirier will preside.

1962-63 STUDENT UNION PHOTOGRAPHY CONTEST

The Fine Arts Committee of the Student Union extends an invitation to all undergraduate students, graduate students, faculty, and staff to participate in

the 1962-63 Student Union Photographic competition.

Entrants may submit photographs in three categories: black and white prints, color prints, and color transparencies. Classifications in each category are the same: (1) Action; (2) Personalities; (3) Pictorial.

The deadline for turning in entries has been set at 5:00 p.m. on Wednesday, January 30th. Entries should be turned in to a representative of the committee in Room 102 Flowers Building.

Instruction sheets are available at the Flowers Building Information Desk.

ADVANCE NOTICE ARTISTS SERIES

THE MINNEAPOLIS SYMPHONY ORCHESTRA

The fourth concert of the 1962-63 Artists Series, the Minneapolis Symphony Orchestra with Stanislaw Skrowaczewski conducting, will be presented on Tuesday, February 12th, at 8:15 p.m. in the INDOOR STADIUM.

Now celebrating its sixtieth anniversary season, the Minneapolis Symphony Orchestra has achieved a rare combination of qualities that insure success wherever it performs.

Chief among them is a long tradition of greatness, which emanates largely from its distinguished alumni of conductors—Eugene Ormandy, Dimitri Mitropoulos and Antal Dorati—who stepped from the coveted music directorship of the Minneapolis Symphony to world renown.

Accounting for the Orchestra's brilliance, clarity and vitality is its ever-present spirit of youthfulness—never more fruitful than now, with the gifted young Polish conductor Stanislaw Skrowaczewski on the podium.

At the time of Mr. Skrowaczewski's American debut—in Cleveland in 1958—one critic wrote, "The conductor with the long name will be heard of throughout the land before long." From the start, cheering capacity crowds at the Orchestra's home auditorium in Minneapolis—as well as those hearing the Orchestra on its widespread tours—have given this prophecy quick fulfillment.

The program is as follows:

Mozart	Symphony No. 38 in D major, "Prague," K. 504
	I. Adagio-Allegro
	II. Andante
	III. Finale: Presto
Debussy	Two Nocturnes for Orchestra
	I. Clouds
	II. Festivals
Webern	Variations for Orchestra, Opus 30
Schumann	Symphony No. 4 in D minor, Opus 120
	I. Ziemlich langsam; Lebhaft
	II. Romanze; Ziemlich langsam
	III. Scherzo; Lebhaft
	IV. Langsam; Lebhaft
	(Played without pause)

Reserved seat tickets are available at \$3.00, \$2.50, and \$2.00, with a \$.50 discount on reserved seat tickets purchased prior to the concert date. Unreserved

seats are \$.50 for public school and college students and \$1.00 for all others. For tickets, come to Room 202-A Flowers Building, call 681-0111, extension 2911, or write Box KM, Duke Station. (Enclose a stamped, self-addressed envelope.)

ART EXHIBITIONS

The Student Union and the Department of Art announce two new exhibitions now ready for viewing: **German Expressionism** in the Gallery of the Woman's College Library on East Campus and **The Artist in His Studio** in the Alumni Lounge, West Union Building. These exhibits may be seen until January 27th and are open to the public without charge.

German Expressionism, a loan exhibition from the Achenbach Foundation for Graphic Arts, California Palace of the Legion of Honor, is an exhibition of graphics by the major artists of the German Expressionist movement. This exhibition features the works of such artists as Heckel, Krichner, Nolde, Pechstein, Paula Becker, Schmidt-Rottluff, and Marc. In the translation and reduction to the graphic media these artists have gained a maximum of effect by a minimum of means. The fifty or more works to be exhibited here are characterized by the introspective imagery and rugged power which dominated the greatest German art of the teens and twenties.

The Artist in His Studio, a circulating exhibition from the Museum of Modern Art, includes intimate photographic essays by Alexander Liberman on Braque, Chagall, Dubuffet, Giacometti, Leger, Matisse, and Ronault which document the leading artists of the school of Paris. Painters and sculptors are revealed at work and at play in their country and city houses and in their studios. This exhibition which consists of thirty-eight color and ninety-nine black and white photographs reveals the personalities of these artists both while they are working and when they are with their families.

ADVANCE NOTICE DURHAM CIVIC CHORAL SOCIETY

The Durham Civic Choral Society will begin its spring season on Monday, January 28th at 7:45 p.m. with rehearsals at the chorus room of Durham High School. The chorus will prepare Mozart's "Requiem" and Bach's Cantata #4, "Christ Lay in the Bonds of Death" under the direction of Dr. Paul R. Bryan. The spring concert will be held on April 1st at the Duke University Woman's College Auditorium. All adult singers of the Research Triangle area are cordially invited to join the choral society.

ADVANCE NOTICE STUDY GROUP ON PROBLEMS OF WORLD ORDER

Daniel G. Partan, Research Associate at the World Rule of Law Center, will lead an informal study group on problems of world order during the spring semester.

The purpose of the study group is to develop an exchange of ideas between persons from several fields on problems related to the regulation of the threat or use of force in international relations, the effectiveness of present peace-keeping machinery, and arms control and disarmament proposals. There will be twelve two-hour meetings on Thursday evenings, from 8:00-10:00 p.m., beginning February 7th, at the World Rule of Law Center, in Room 201, Law School. The discussion will be based on a collection of readings entitled "Legal and Political Problems of World Order," compiled and edited by Professor Saul H. Mendlovitz of Rutgers University School of Law, and on a comprehensive plan for peace under law development by Grenville Clark and Louis B. Sohn, published by Harvard University Press under the title "World Peace Through World Law." Both books are available to study group participants at a special combined price of four dollars. Interested persons are urged to contact Mr. Partan promptly at the World Rule of Law Center, extension 3518. The study group will be limited to fifteen persons.

ADVANCE NOTICE CARL WEINRICH IN ORGAN RECITAL

The Department of Music announces plans for the visit of world famous organist Carl Weinrich, Director of Music in the University Chapel, Princeton University. Preceding the recital on Sunday afternoon, February 3rd, at four o'clock in the University Chapel, there will be four sessions of an organ seminar also to be conducted in the Chapel. They will be held at 9:30 a.m.; 11:30 a.m.; 3:00 p.m.; and 8:00 p.m. There will be no charge for any portion of Mr. Weinrich's visit.

The program is as follows:

Fifth Concerto in F major	<i>George Frederick Handel</i> (1685-1759)
Larghetto	
Allegro	
Alla Siciliano	
Presto	
Sonata Op. 68	<i>Vincent Persichetti</i> (1915-)
Andante	
Allegro	
Larghetto	
Vivace	
Fantasy in F minor	<i>Wolfgang Amadeus Mozart</i> (1756-1791)
Allegro	
Andante	
Allegro	
Choral in B minor	<i>Cesar Franck</i> (1822-1890)
Fantasy in Echo Style	<i>Jan Pieters Sweelinck</i> (1562-1621)
Noel	<i>Louis Claude D'Aquin</i> (1694-1772)
Prelude and Fugue in A minor	<i>Johann Sebastian Bach</i> (1685-1750)

WEEK OF

Jan. 27-Feb. 2, 1963

WEEK OF

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CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, Jan. 27

Fraternity Rnsh (January 26-30)

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship, University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon: "Spiritual Isometric Contractions." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, Jan. 28

Registration and matriculation of new students.

2:00 p.m. The final examination of Mr. J. J. P. van Wyk for the Ph.D. degree in Botany. Room 140 Biological Sciences Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

7:45 p.m. Durham Civic Choral Society Rehearsal. Chorus Room of Durham High School.

Tuesday, Jan. 29

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

8:15 p.m. Varsity Basketball: Duke versus University of South Carolina. Columbia, South Carolina.

Wednesday, Jan. 30

Last day for matriculation for the spring semester.

2:00-3:00 p.m. Graduate School Registration for spring semester.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

NOTE: There will be no Quadrangle Picture tonight.

8:00-9:00 p.m. Woman's Scholarship Information and Application. Room 204 East Duke Building.

Thursday, Jan. 31

8:10 a.m. Spring Semester Classes Begin.

12:30 p.m. Plant Ecology Seminar. Room 144 Biology Building. Speaker: Mr. Paul J. Godfrey.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15 p.m. Faculty Volleyball. Indoor Stadium.

8:00 p.m. Trinity College and Engineering School Scholarship Applicant Meeting.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

Friday, Feb. 1

- 4:00 p.m. Chemistry Staff Seminar. Room 01 Chemistry Building. Speaker: Dr. Peyton C. Teague.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Assistant Professor Jack Hokanson.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.

Saturday, Feb. 2

Fraternity Rush Pledging Day.

- 9:00 a.m. The final examination of Mr. Philip D. Vairo for the Ph.D. degree in Education. Seminar Room, 08A West Duke Building.
- 9:30 a.m. Organ Seminar (Four sessions): Carl Weinrich, organist. University Chapel. (See special notice)
- 6:15 p.m. Freshman Basketball: Duke versus University of North Carolina. Chapel Hill.
- 7:00 and 9:10 p.m. Quadrangle Pictures. Page Auditorium.
- 7:00 and 9:00 p.m. "The Naked Knight" with Harriet Andersson and Ake Groenberg. Academy Award winning Ingmar Bergman's highly acclaimed Swedish film. Also, Orson Welles' "Return to Glennaseaul," a fascinating ghost story of a dark Dublin midnight.
- 8:15 p.m. Varsity Basketball: Duke versus University of North Carolina. Chapel Hill.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Howard C. Wilkinson, Chaplain to the University, will deliver the sermon at the University Service of Worship on Sunday, January 27th, at 11:00 a.m. in the University Chapel. His subject will be "Spiritual Isometric Contraction." The order of service follows:

Opening Organ Voluntary—Passacaglia in C minor	<i>Bach</i>
Choral Adoration—"Sanctus" from Mass II	<i>Hassler</i>
Hymn—"Come, Thou Almighty King"	<i>Felice de Giardini</i>
The Prayer of Confession	
Words of Assurance	
The Lord's Prayer	
Air—"Total Eclipse"—from <i>Samson</i>	<i>Handel</i>

Soloist—James Gibbs
Scripture Lesson—I Corinthians 9:19-27
Hymn—"God Is Love; His Mercy Brightens"
from *Psalmodia Sacra, Gotha*

Call to Prayer
The Pastoral Prayer of Adoration, Thanksgiving, Intercession,
Petition and Dedication
The Offering
Offertory Organ Interlude
Air—" 'Tis Enough"—from *Elijah* *Mendelssohn*
Response—The Doxology
Prayer of Dedication

Sermon—"Spiritual Isometric Contraction"
Prayer
Benediction
Choral Response—"Sevenfold Amen" *Stainer*
The Chimes
Closing Organ Voluntary—Fugue in C minor *Bach*

DENOMINATIONAL ANNOUNCEMENTS

FRIENDS: Sunday, 7:30 P.M., Friends Meeting House, 404 Alexander Avenue, Community Fellowship Forum: Dr. Elaine Burgess will discuss her book, **NEGRO LEADERSHIP IN A SOUTHERN CITY.**

METHODIST CENTER: There will be no services on Sunday, January 27, or Wednesday, January 30. Sunday, February 3, 6:00 P.M., Worship, Reverend Allen R. Gilmore, Preacher; 7:00 P.M., Forum: "The Meaning of Education," with panel members: Dr. Sherwood Githens, Dr. McMurry S. Richey, and Dr. Howard Strobel.

COMMUNITY FELLOWSHIP FORUM

Dr. Elaine Burgess will speak at a meeting of the Community Fellowship Forum, at the Friends Meeting House, 404 Alexander Avenue, on Sunday, January 27th at 7:30 p.m. She will talk about experiences connected with the recent publication of her book, **Negro Leadership in a Southern City.**

FINAL EXAMINATION
FOR THE PH.D. DEGREE

The final examination of Mr. J. J. P. van Wyk for the Ph.D. degree in Botany will be held on Monday, January 28th, at 2:00 p.m. in Room 140 Biological Sciences Building. The subject of Mr. van Wyk's dissertation is "Savannah Communities South of the Pilaansberg Mountains, in the Western Transvaal." The committee to conduct the examination consists of Professors H. J. Oosting, W. D. Billings, Jane Philpott, R. L. Wilbur, and H. S. Roberts. Professor Oosting will preside.

DURHAM CIVIC CHORAL SOCIETY

The Durham Civic Choral Society will begin its spring season on Monday, January 28th at 7:45 p.m. with rehearsals at the chorus room of Durham High School. The chorus will prepare Mozart's "Requiem" and Bach's Cantata #4, "Christ Lay in the Bonds of Death" under the direction of Dr. Paul R. Bryan. The spring concert will be held on April 1st at the Woman's College Auditorium. All adult singers of the Research Triangle area are cordially invited to join the Choral Society.

GRADUATE SCHOOL REGISTRATION FOR SPRING SEMESTER

New students, former students returning, and current students who failed to pre-register have received instructions by letter. **Pre-registered students who must change schedule** should secure a signed drop-and-add card from their Director of Graduate Studies and present it at the Indoor Stadium on Wednesday, January 30, from 2:00-3:30 p.m.

PLANT ECOLOGY SEMINAR

The weekly Plant Ecology Seminar will be held on Thursday, January 31st at 12:30 p.m. in Room 144 Biology Building. Mr. Paul J. Godfrey will present

certain aspects of symbiosis between plants and animals. He will deal primarily with the relationship between the green algae of the genus *Zoochlorella* and the fresh water hydra *Chlorohydra viridissima*. Mr. Godfrey conducted research on this topic while a National Science Foundation Undergraduate Research Scholar at the University of Connecticut.

CHEMISTRY STAFF SEMINAR

Dr. Peyton C. Teague from the University of South Carolina will speak at the Chemistry Staff Seminar on Friday, February 1st at 4:00 p.m. in Room 01 of the Chemistry Building. The subject of Dr. Teague's address will be "Benzoin Condensations."

Refreshments will be served in the lobby at 3:30 p.m. All interested persons are invited to attend.

PSYCHOLOGY COLLOQUIUM

There will be a Psychology Colloquium on Friday, February 1st at 4:30 p.m. in Room 209 Bivins Building. The speaker will be Assistant Professor Jack Hokanson of the Florida State University. His topic will be "Some Vascular Concomitants of Frustration and Aggression." Coffee will be served at 4:00 p.m.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Philip D. Vairo for the Ph.D. degree in Education will be held on Saturday, February 2nd at 9:00 a.m. in the Seminar Room, 08A West Duke Building. The subject of Mr. Vairo's dissertation is "A Comparative Study of the Qualifications and Salaries of Teachers in Two-Year Colleges and Teachers Giving Instruction to Freshmen and Sophomores in Four-Year Colleges in North Carolina." The committee to conduct the examination consists of Professors Allan S. Hurlburt, Edward C. Bolmeier, Olan L. Petty, W. A. Stumpf, and Edgar T. Thompson. Mr. Hurlburt will preside.

ART EXHIBITIONS

The Student Union and the Department of Art announce two new exhibitions which will be ready for viewing early this week: **The Stieglitz Circle** in the Gallery of the Woman's College Library on East Campus (January 28th-February 16th) and **Printmakers of the Bay Area** in the Alumni Lounge, West Union Building (January 27th-February 27th). These exhibits are open to the public without charge.

The Stieglitz Circle, a loan exhibition from the Museum of Modern Art, presents the work of twelve American artists who were most intimately associated with Alfred Stieglitz, founder of the Photo-Secession Gallery ("291"). The painters who are represented in this exhibition are Oskar Reumner, Arthur B. Carles, Charles Demuth, Arthur G. Dove, Marsden Hartley, John Marin, Alfred H. Maurer, and Georgia O'Keeffe; the sculptors Gaston, LaChaise, and Ellen-adelman; and the photographer-painter, Edward Steichen. Photographs by Stieglitz himself are also included in this exhibition. The work of these men

stands as the most personal and progressive art executed in America before WWI, their major unifying factor being their association with Alfred Stieglitz.

Printmakers of the Bay Area, a loan from the Achenbach Foundation of the Graphic Arts, the California Palace of the Legion of Honor, is an exhibition of works drawn from one of the most densely populated artistic areas in the United States, "Printmakers of the Bay Area" explores the work of six of California's leading graphic artists. The works of these men illustrate the truly individual and international nature of the art that is being produced around the Bay Area, and witness to the active part taken by the bay area in the resurgence of creative printmaking that is now evidenced throughout the United States.

LIBRARY SCHEDULE INTERSESSION PERIOD

GENERAL LIBRARY

Friday, January 25	8:00 a.m.-5:00 p.m.
Saturday, January 26	8:00 a.m.-1:00 p.m.
Sunday, January 27	Closed
Monday, January 28	8:00 a.m.-5:00 p.m.
Tuesday, January 29	8:00 a.m.-5:00 p.m.
Wednesday, January 30	8:00 a.m.-5:00 p.m.
Thursday, January 31	Resume regular schedule

WOMAN'S COLLEGE LIBRARY

Friday, January 25	8:00 a.m.-5:00 p.m.
Saturday, January 26	9:00 a.m.-1:00 p.m.
Sunday, January 27	Closed
Monday, January 28	9:00 a.m.-5:00 p.m.
Tuesday, January 29	9:00 a.m.-5:00 p.m.
Wednesday, January 30	9:00 a.m.-5:00 p.m.
Thursday, January 31	Resume regular schedule

Other School and Departmental Library Schedules will be posted in those libraries.

ADVANCE NOTICE STUDENT UNION THE MANY MOODS OF FERRANTE AND TEICHER

The Student Union's Major Attractions Committee will bring to the Indoor Stadium at 8:00 p.m. on Tuesday, February 5th, "The Many Moods of Ferrante and Teicher." Tickets are priced at \$1.50 per person and \$2.50 for couple tickets and may be secured in the West Campus Quadrangle from 2:00-5:00 p.m. Monday through Friday; mail orders may be sent through Box KM, Duke Station enclosing a self-addressed stamped envelope if the tickets are to be mailed; tickets will also be available at the door.

Recognized as the nation's top popular recording piano duo, Ferrante and Teicher, have been making music in tandem since their grade-school days, when both were six-year-old prodigies at the famed Juilliard School of Music. Following their graduation they concertized for a short period before returning to Juilliard as faculty members, teaching theory and composition. During the next few years they combined pedagogy with a limited schedule of touring, all the while working together in creating that style of popular pianism that has come to be known as Ferrante and Teicher's alone. Since their resignation from teaching in 1947, they have made numerous recordings and are in constant demand as concertizers.

1962-63 STUDENT UNION PHOTOGRAPHY CONTEST

The Fine Arts Committee of the Student Union extends an invitation to all undergraduate students, graduate students, faculty, and staff to participate in the 1962-63 Student Union Photographic competition.

Entrants may submit photographs in three categories: black and white prints, color prints, and color transparencies. Classifications in each category are the same: (1) Action; (2) Personalities; (3) Pictorial.

The deadline for turning in entries has been set at 5:00 p.m. on Wednesday, January 30th. Entries should be turned in to a representative of the committee in Room 102 Flowers Building.

Instruction sheets are available at the Flowers Building Information Desk.

ADVANCE NOTICE STUDY GROUP ON PROBLEMS OF WORLD ORDER

Daniel G. Partan, Research Associate at the World Rule of Law Center, will lead an informal study group on problems of world order during the spring semester. The purpose of the study group is to develop an exchange of ideas between persons from several fields on problems related to the regulation of the threat or use of force in international relations, the effectiveness of present peace-keeping machinery, and arms control and disarmament proposals. There will be twelve two-hour meetings on Thursday evenings, from 8:00-10:00 p.m., beginning February 7th, at the World Rule of Law Center, in Room 201, Law School. The discussion will be based on a collection of readings entitled "Legal and Political Problems of World Order," compiled and edited by Professor Saul H. Mendlovitz of Rutgers University School of Law, and on a comprehensive plan for peace under law development by Grenville Clark and Lonis B. Sohn, published by Harvard University Press under the title "World Peace Through World Law." Both books are available to study group participants at a special combined price of four dollars. Interested persons are urged to contact Mr. Partan promptly at the World Rule of Law Center, extension 3518. The study group will be limited to fifteen persons.

ADVANCE NOTICE SECRETARIES WORKSHOP

The National Secretaries Association (International) will hold its annual workshop on Saturday, February 9th in Page Auditorium with registration beginning at 9:00 a.m. in Flowers Lounge. The workshop, whose theme, "Communication—A Key to Progress," is sponsored jointly by the Durham Chapter of N. S. A. and Duke University, will have as the keynote speaker, Dr. James T. Cleland, Dean of the Chapel. The program will include Dr. Fred Cook, Educational Director, N. S. A., of the faculty of Wayne State University, Detroit, Michigan; Miss Betty Jane Henry, Educational Manager, IBM, New York City; Miss Elizabeth O'Dell, Associate Professor in Secretarial Training, University of South Carolina, Columbia, South Carolina; and Mr. J. Melville

Broughton, Jr., Attorney at Law, Raleigh, North Carolina.

An especial invitation is extended to all secretaries and clerical personnel in the Duke Community to attend these functions. Advance reservations may be made by contacting Mrs. Patricia James, extension 2677 or Room 141A Biological Sciences Building.

The program follows:

- 9:00 a.m. Registration. Flowers Lounge
- 10:00 a.m. Keynote Address: Dr. James T. Cleland, Dean of the Chapel. Topic: "If I Sat Where She Sat." Page Auditorium.
- 10:30 a.m. Coffee Break. Flowers Lounge
- 11:00 a.m. Dr. Fred S. Cook, Educational Director, NSA, Wayne State University. Topic: "Effective Listening." Page Auditorium.
- 11:30 a.m. Miss Betty Jane Henry, Educational Manager, IBM, New York City. Topic: "New Trends in Secretarial Techniques." Page Auditorium.
- 12:15 p.m. Luncheon. Union Ballroom.
- 1:45 p.m. Fashion Show. Page Auditorium.
- 2:30 p.m. Miss Elizabeth O'Dell, Associate Professor in Secretarial Training, University of South Carolina. Topic: "Dial Station WCIC." Page Auditorium.
- 3:00 p.m. Mr. J. Melville Broughton, Jr., Attorney at Law, Raleigh, North Carolina. Page Auditorium.

ADVANCE NOTICE ORGAN RECITAL CARL WEINRICH

The University Religions Council will present world famous organist Carl Weinrich, Director of Music, University Chapel, Princeton University in a recital in the University Chapel on Sunday afternoon, February 3rd at four o'clock. On Saturday, February 2nd the Department of Music will sponsor four sessions of an organ seminar with Mr. Weinrich, also to be held in the University Chapel. Times for the seminar sessions will be 9:30 a.m.; 11:30 a.m.; 3:00 p.m. and 8:00 p.m. A luncheon, priced at \$1.25, will be available to the participants at 1:15 p.m. in the West Campus Union. Except for the luncheon there is no charge for any portion of Mr. Weinrich's visit and reservations may be made by writing Mrs. Mildred L. Hendrix, Box 4424 Duke Station.

The program for the recital follows:

- | | |
|---|---|
| Fifth Concerto in F major | <i>George Frederick Handel</i>
(1685-1759) |
| Larghetto
Allegro
Alla Siciliano
Presto
Sonata Op. 68 | <i>Vincent Persichetti</i>
(1915-) |
| Andante
Allegro
Larghetto
Vivace
Fantasy in F minor | <i>Wolfgang Amadeus Mozart</i>
(1756-1791) |
| Allegro
Andante
Allegro
Choral in B minor | <i>Cesar Franck</i>
(1822-1890) |
| Fantasy in Echo Style | <i>Jan Pieters Sweelinck</i>
(1562-1621) |
| Noel | <i>Louis Claude D'Aquin</i>
(1694-1772) |
| Prelude and Fugue in A minor | <i>Johann Sebastian Bach</i>
(1685-1750) |

WEEK OF
Feb. 3-9, 1963

CALENDAR

WEEK OF
Feb. 3-9, 1963

OF DUKE UNIVERSITY



Events of the Week

Sunday, Feb. 3

Denominational Meetings. See special notice.

- 10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.
- 11:00 a.m. University Service of Worship. University Chapel. The Holy Communion. Communion Meditation: The Reverend Dr. Thomas A. Langford, Assistant Professor of Religion, the Divinity School. Celebrant: The Reverend Professor James T. Cleland, Dean of the Chapel. Broadcast over Radio Station WDNC and WDNC-FM.
- 4:00 p.m. Guest Organ Recital: Carl Weinrich, Organist and Choir Director, Princeton University Chapel. University Chapel.

Monday, Feb. 4

- 3:00-5:00 p.m. 7:00-9:30 p.m. Duke Players Try Outs: "Desire Under the Elms." Page Auditorium.
- 4:15 p.m. Zoology Seminar. Auditorium of the Biological Sciences Building. Speaker: Dr. G. B. Sharman.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:00-6:00 p.m. French Play Try Outs. Music Room, East Duke Building.
- 5:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:00 p.m. Erasmus Club Meeting. Green Room, East Duke Building. Speaker: Professor Bruce W. Wardropper.

Tuesday, Feb. 5

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor James T. Cleland.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 3:00-5:00 p.m. Duke Players Try Outs: "Desire Under the Elms." Page Auditorium.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:00-6:00 p.m. French Play Try Outs. Music Room, East Duke Building.
- 7:00 p.m. Duke University Sailing Club Meeting. Green Room, East Duke Building. Open to faculty, staff members, and students.
- 7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.
- 8:15 p.m. Student Union Major Attraction: Ferrante & Teicher. Indoor Stadium.

Wednesday, Feb. 6

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor James T. Cleland.
- 11:00 a.m. Divinity School Public Lecture. York Chapel. Professor Cornelius Krusé.
- 12:30 p.m. Faculty Club Luncheon. Union Ballroom, West Campus. Speaker: John Dozier.
- 4:00 p.m. Political Science Lilly Lecture. Room 208 Flowers. Speaker: Dr. Edgar H. Brookes.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

- 4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building. (Auditorium) West Campus.
- 4:30 p.m. Joint Duke-U.N.C. Physics Colloquium. Speaker: Dr. John Rayne. Room 114 Physics Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:30 p.m. Trinity College Historical Society Dinner Meeting. Men's Graduate Center. Speaker: Dr. Otis M. Singletary.
- 6:00-7:00 p.m. French Play Try Outs. Music Room, East Duke Building.
- 7:00 p.m. Duke University Sports Car Meeting. Room 117, Social Sciences Building. Open to faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00-9:00 p.m. Badminton Session. Woman's College Gymnasium. Open to the University community.
- 7:00 and 9:10 p.m. Quadrangle Pictures. Page Auditorium. "Citizen Kane" with Orson Welles, Joseph Cotten and Everett Sloane. One of the most celebrated pictures of all time. Selected by a poll of 70 international film critics as "Best film in motion picture history."
- 8:15 p.m. Varsity Basketball: Duke versus Wake Forest. Winston-Salem.

Thursday, Feb. 7

- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. Bob Mansfield.
- 12:30 p.m. Plant Ecology Seminar. Room 144 Biology Building. Speaker: Dr. W. D. Billings.
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00-5:30 p.m. Political Science Lilly Lecture: Dr. Edgar H. Brookes. Room 208 Flowers Building.
- 4:00 p.m. University Faculty Meeting. Room 125 Engineering Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:00 p.m. Study Group on Problems of World Order. World Rule of Law Center, Room 201, Law School. Speaker: Daniel G. Partan.
- 8:00 p.m. Sigma Xi National Lecturer. Biological Sciences Lecture Room. Speaker: Dr. Hunter Rouse.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, Feb. 8

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor James T. Cleland.

- 4:00-5:30 p.m. Political Science Lilly Lecture: Dr. Edgar H. Brookes. Room 208 Flowers Building.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Irwin Kremen.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.
- 8:00-12:00 p.m. Student Union Combo Party. Woman's College Gymnasium.
- 8:15 p.m. University Religious Council Special Observance Committee, The Bishop's Company: "Sleep of Prisoners." Woman's College Auditorium.

Saturday, Feb. 9

- 8:00 a.m.-4:00 p.m. National Secretaries Association, Durham Chapter, Workshop Meeting. Flowers Building and Page Auditorium.
- 10:30 a.m. Final Examination of Mr. Ted D. Murphy for the Ph.D. degree in Zoology. Room 225 Biological Sciences Building.
- 1:30 p.m. National Intercollegiate Bridge Tournament. Green Room, East Duke Building.
- 7:00 and 9:10 p.m. Quadrangle Pictures. Page Auditorium. "Citizen Kane" with Orson Welles, Joseph Cotten and Everett Sloane. One of the most celebrated pictures of all time. Selected by a poll of 70 international film critics as "Best film in motion picture history."
- 8:15 p.m. Chamber Arts Society: Albeneri Trio. Music Room, East Duke Building.
- 8:15 p.m. Varsity Basketball: Duke versus N. C. State College. Raleigh.

UNIVERSITY SERVICE OF WORSHIP

The University Service of Holy Communion will be held Sunday, February 3rd, at 11:00 a.m. in the University Chapel as a part of the regular Service of Worship. The Reverend Dr. Thomas A. Langford, Assistant Professor of Religion, Divinity School, will deliver the Communion Meditation, "Grace and Gratitude," and the Reverend Professor James T. Cleland, Dean of the Chapel, will be the celebrant.

DENOMINATIONAL ANNOUNCEMENTS

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., East Duke Chapel.

METHODIST CENTER: Sunday, 6:00 P.M., Worship, Reverend Allen R. Gilmore, Preacher; 7:00 P.M., Forum: "The Meaning of Education," with panel members: Dr. Sherwood Githens, Dr. Thomas A. Langford, and Dr. Howard Strobel. Wednesday, 6:00 P.M., Holy Communion.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 5:30, Supper and Vespers.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 p.m., Grace Lutheran Church, Missouri Synod, Buchanan and Green Streets, Spaghetti—

ORGAN RECITAL CARL WEINRICH

The University Religious Council will present world famous organist Carl Weinrich, Director of Music, University Chapel, Princeton University in a recital in the University Chapel on Sunday afternoon, February 3rd at four o'clock.

After graduating from New York University and the Curtis Institute, where he completed his organ studies under Lynnwood Farnam, Mr. Weinrich was appointed organist at the Church of the Holy Communion in New York City. In 1934, Mr. Weinrich transferred his activities to Princeton, where he became head of the organ department of the Westminster Choir College, and where he remained until 1940. During this period he made many concert tours, and began the series of recordings of the music of Bach and his forerunners which brought the acclaim of record erities everywhere.

In 1943, Mr. Weinrich was called by Princeton University to be the Director of Music in the University Chapel. His concerts and recordings have brought his art to all parts of the United States and Europe. With Mareel Dupré and Albert Schweitzer, he has been described by *Time Magazine* as one of the three greatest living players of Bach's organ music. At the same time, he is an ardent champion of modern music, and plays and conducts many new works.

The distinguished positions he has occupied are a measure of the esteem in which Carl Weinrich is held. Since 1943 he has been Director of Music in the Chapel at Princeton University. He has taught at various colleges, including Wellesley, Vassar, Columbia and Michigan. In 1950 he was invited by Harvard University to give eight recitals as Lamb Visiting Lecturer—the first time this Lectureship has been awarded to a performer.

The program for the recital follows:

Fifth Concerto in F major	<i>George Frederick Handel</i> (1685-1759)
Larghetto	
Allegro	
Alla Siciliano	
Presto	
Sonata Op. 68	<i>Vincent Persichetti</i> (1915-)
Andante	
Allegro	
Larghetto	
Vivace	
Fantasy in F minor	<i>Wolfgang Amadeus Mozart</i> (1756-1791)
Allegro	
Andante	
Allegro	
Choral in B minor	<i>Cesar Franck</i> (1822-1890)
Fantasy in Echo Style	<i>Jan Pieters Sweelinck</i> (1562-1621)
Noel	<i>Louis Claude D'Aquin</i> (1694-1772)
Prelude and Fugue in A minor	<i>Johann Sebastian Bach</i> (1685-1750)

DIVINITY SCHOOL PUBLIC LECTURE

Professor Cornelius Krusé, Professor emeritus of Philosophy, Wesleyan University, will deliver a Divinity School public lecture on Wednesday, February 6th,

at 11:00 a.m. in York Chapel, entitled "The Status of Philosophy in Latin America." Professor Krusé has been an Emissary of the Philosophical Association to Latin America and is former Secretary of the American Council of Learned Societies. He is this year Annual Professor at Woman's College, UNC, Greensboro. The public is cordially invited to attend.

DUKE UNIVERSITY PREACHING SCHEDULE SPRING SEMESTER 1963

February 3—Holy Communion—Dean James T. Cleland, Celebrant. Dr. Thomas A. Langford, Preacher, Assistant Professor of Religion
February 10—Dean James T. Cleland
February 17—World Day of Prayer for Students—Chaplain Howard C. Wilkinson
February 24—Pastor Martin Niemoller, President, World Council of Churches
March 3—Dean James T. Cleland
March 10—Dr. Waldo Beach, Professor of Christian Ethics, The Divinity School
March 17—Dr. Mildred McAfee Horton, President Emeritus, Wellesley College
March 24—Spring Recess
March 31—Spring Recess
April 7—Palm Sunday—Dr. Robert E. Cushman, Dean, The Divinity School
April 14—Easter—Dean James T. Cleland
April 21—Parents Weekend—Chaplain Howard C. Wilkinson
April 28—Dr. Ralph W. Sockman, Director, The Hall of Fame, New York
May 5—Dean James T. Cleland
May 12—Canon Charles E. Raven, Chaplain to the Queen of England
May 19—Chaplain Howard C. Wilkinson
May 26—Dr. Hugh Anderson, Professor of Biblical Theology, The Divinity School

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, February 4th, in the auditorium of the Biological Sciences Building at 4:15 p.m. Dr. G. B. Sharman from the Commonwealth Scientific and Industrial Research Organization, Division of Wildlife Research, Canberra, Australia will speak on "Marsupial Reproduction." Coffee and tea will be served in the foyer at 4:00 p.m. preceeding the seminar.

ERASMUS CLUB MEETING

The Erasmus Club will meet on Monday, February 4th, at 8:00 p.m. in the Green Room, East Duke Building. Professor Bruce W. Wardropper of the Romance Language Department will read a paper entitled "The Immorality of Lazarillo de Tormes." All faculty and graduate students are invited.

FACULTY CLUB LUNCHEON

The Faculty Club of the University will meet in a luncheon on Wednesday, February 6th, at 12:30 p.m. in the Union Ballroom. John Dozier, Business Manager of the University, will speak on "The Changing Face of the University."

JOINT DUKE-U.N.C. PHYSICS COLLOQUIUM

There will be a joint Duke-U.N.C. Physics Colloquium on Wednesday, February 6th at 4:30 p.m. presenting Dr. John Rayne of the Westinghouse Research Laboratory who will speak on "Determination of Fermi Surfaces in Metals" in Room 114 Physics Building at Duke University. Tea and coffee will be served at 4:15 p.m.

STUDENT UNION THE MANY MOODS OF FERRANTE AND TEICHER

The Student Union's Major Attractions Committee will bring to the Indoor Stadium at 8:00 p.m. on Tuesday, February 5th, "The Many Moods of Ferrante and Teicher." Tickets are priced at \$1.50 per person and \$2.50 for couple tickets and may be secured in the West Campus Quadrangle from 2:00-5:00 p.m. Monday through Friday; mail orders may be sent through Box KM, Duke Station enclosing a self-addressed stamped envelope if the tickets are to be mailed; tickets will also be available at the door.

Recognized as the nation's top popular recording piano duo, Ferrante and Teicher, have been making music in tandem since their grade-school days, when both were six-year-old prodigies at the famed Juilliard School of Music. Following their graduation they concertized for a short period before returning to Juilliard as faculty members, teaching theory and composition. During the next few years they combined pedagogy with a limited schedule of touring, all the while working together in creating that style of popular pianism that has come to be known as Ferrante and Teicher's alone. Since their resignation from teaching in 1947, they have made numerous recordings and are in constant demand as concertizers.

POLITICAL SCIENCE LILLY FOUNDATION LECTURES

The Lilly Endowment Research Program in Christianity and Politics announces a series of three lectures by Dr. Edgar H. Brookes, visiting professor of Political Science at Duke University, on "Power, Law, Right & Love: A Study in Political Values." Dr. Brookes, on leave from the University of Natal, Republic of South Africa, brings to his subject the insight gained from many years as an active participant in the political life of South Africa. Among his several published works are *South Africa in a Changing World*, *The Native Reserves of Natal*, and *The City of God and the Politics of Crisis*.

The Lectures will be given as follows:

February 6th, 4:00 p.m. "Power, Law & Right"
Room 208 Flowers Building

February 7th, 4:00 p.m. "Right & Love"
Room 208 Flowers Building

February 8th, 4:00 p.m. "Love in Action"
Room 208 Flowers Building

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, February 6th at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium) West Campus. Professors Lewis E. Anderson and Paul J. Kramer, Department of Botany, will speak on "The American Institute of Biological Sciences (AIBS): a distressing crisis for biologists."

Professors Anderson and Kramer will report on the emergency meeting of the governing board of AIBS and the presidents of member societies which was held in Washington, D. C., January 25th-26th. Emergency arrangements were made at this meeting to attempt to meet the serious financial crisis in which AIBS finds

itself. These arrangements and recommendations propose for the future of AIBS will be discussed. Refreshments will be served at 4:00 p.m.

TRINITY COLLEGE HISTORICAL SOCIETY DINNER MEETING

The Trinity College Historical Society Dinner Meeting will be held on Wednesday, February 6th at 5:30 p.m. in the Men's Graduate Center. The speaker will be Dr. Otis M. Singletary, Chancellor of Woman's College, Greensboro, North Carolina, contributor to Watson and Cartwright's *The Teaching and Interpreting of American History*, and author of *The South in American History* and *Negro Militia and Reconstruction*.

PLANT ECOLOGY SEMINAR

Dr. W. D. Billings, Professor of Botany, will discuss the question, "How Efficient Are Plants of Severe Environments in Storing Solar Energy?" at the Plant Ecology Seminar on Thursday, February 7th at 12:30 p.m. in Room 144 Biology Building. All interested persons are cordially invited to attend.

UNIVERSITY FACULTY MEETING

The University Faculty will meet in regular session in Engineering 125 on Thursday, February 7th at 4:00 p.m. The agenda will include a report from the Joint Faculty-Trustee Committee on Honorary Degrees, and discussion of a Bylaw of the University Faculty on Committees.

SIGMA XI NATIONAL LECTURER

Sigma Xi will present its National Lecturer, Dr. Hunter Rouse of the Institute of Hydraulic Research, State University of Iowa, who will speak "On the Role of Eddies in Fluid Motion" on Thursday, February 7th at 8:00 p.m. in the Biological Sciences Lecture Room.

Dr. Rouse will discuss the physical aspects of eddy motion. Eddies are distinctive features of weather patterns, of the billions of stars in a distant spiral galaxy, and of almost all states of flow. Without eddies, human existence in its present form would not be possible. His lecture is illustrated with slides and terminates in the projection of a specially prepared film showing eddies in the process of formation, interaction, and decay.

Dr. Rouse has taught at M. I. T., Columbia, and C. I. T. He is presently at the University of Iowa where he has been professor since 1939, serving also as director of the Iowa Institute of Hydraulic Research since 1944. He is author or co-author of six books and numerous technical articles in his general field of interest: the mechanics of fluid motion.

PSYCHOLOGY COLLOQUIUM

There will be a Psychology Colloquium on Friday, February 8th in Room 209 Bivins Building at 4:30 p.m. The speaker will be Dr. Irwin Kremen of Michigan State College. He will speak on "Some Current Issues in the Study of Dreaming." Coffee will be served at 4:00 p.m.

THE BISHOP'S COMPANY PRESENTS "A SLEEP OF PRISONERS"

The Special Observances Committee of the University Religious Council announces a performance of Christopher Fry's play, "A Sleep of Prisoners," by the Bishop's Company of Santa Barbara, California, on Friday, February 8th at 8:15 p.m. in the Woman's College Auditorium. Admission will be 50¢. The public is cordially invited to attend.

SECRETARIES WORKSHOP

The National Secretaries Association (International) will hold its annual workshop on Saturday, February 9th in Page Auditorium with registration beginning at 9:00 a.m. in Flowers Lounge. The workshop, whose theme, "Communication—A Key to Progress," is sponsored jointly by the Durham Chapter of N. S. A. and Duke University, will have as the keynote speaker, Dr. James T. Cleland, Dean of the Chapel. The program will include Dr. Fred Cook, Educational Director, N. S. A., of the faculty of Wayne State University, Detroit, Michigan; Miss Betty Jane Henry, Educational Manager, IBM, New York City; Miss Elizabeth O'Dell, Associate Professor in Secretarial Training, University of South Carolina, Columbia, South Carolina; and Mr. J. Melville Broughton, Jr., Attorney at Law, Raleigh, North Carolina.

An especial invitation is extended to all secretaries and clerical personnel in the Duke Community to attend these functions. Advance reservations may be made by contacting Mrs. Patricia James, extension 2677 or Room 141A Biological Sciences Building.

The program follows:

- 9:00 a.m. Registration. Flowers Lounge
- 10:00 a.m. Keynote Address: Dr. James T. Cleland, Dean of the Chapel. Topic: "If I Sat Where She Sat." Page Auditorium.
- 10:30 a.m. Coffee Break. Flowers Lounge
- 11:00 a.m. Dr. Fred S. Cook, Educational Director, NSA, Wayne State University. Topic: "Effective Listening." Page Auditorium.
- 11:30 a.m. Miss Betty Jane Henry, Educational Manager, IBM, New York City. Topic: "New Trends in Secretarial Techniques." Page Auditorium.
- 12:15 p.m. Luncheon. Union Ballroom.
- 1:45 p.m. Fashion Show. Page Auditorium.
- 2:30 p.m. Miss Elizabeth O'Dell, Associate Professor in Secretarial Training, University of South Carolina. Topic: "Dial Station WCIC." Page Auditorium.
- 3:00 p.m. Mr. J. Melville Broughton, Jr., Attorney at Law, Raleigh, North Carolina. Page Auditorium.

ADVANCE NOTICE PARAPSYCHOLOGY LECTURE SERIES

The Parapsychology Laboratory announces the second in a series of four public lectures to be given during the academic year. On Monday, February 11th, at 8:15 p.m. in the Music Room, East Duke Building, Dr. K. Ramakrishna Rao will speak on the topic: "Parapsychology—East and West." All members of the University Community are invited to attend the lecture.

CHAMBER ARTS SOCIETY ALBENERI TRIO

The Chamber Arts Society announces the fifth concert of its season, to be played by the ALBENERI

TRIO, Saturday, February 9th, in the Music Room, East Duke Building at 8:15 p.m. The musicians are Artur Balsam (Piano), Giorgio Ciompi (Violin), and Benar Heifetz (Cello). The program includes:

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|-----------|--|
| Haydn | Trio in C major, No. 3 |
| Ravel | Trio in A minor (1915) |
| Beethoven | Trio in B flat major, Opus 97 ("Archduke") |

The society also announces the sixth and final concert of the season, to be given Saturday, March 9th, by the DUO DI ROMA (Ornella Santoliquido, Piano; Massimo Amfitheatrof, Cello) with program including Beethoven: Sonata in A major, Opus 69; Schubert: Sonata "Per Arpeggione" in A minor; and Martinu: Sonata No. 2.

Admission: By membership card or by single-admission Guest Card costing \$2.50. About 100 Guest Cards are available and may be obtained at the door of the Music Room on the evening of the concert from 7:30-8:00 p.m.

The Chamber Arts Society is a non-profit organization; membership is open to all persons. For further information, address Chamber Arts Society, c/o Dr. Ernest W. Nelson, Box 6065 College Station, Durham, N. C.

FINAL EXAMINATION FOR PH.D. DEGREE

The final examination for Mr. Ted D. Murphy for the Ph.D. degree in Zoology will be held on Saturday, February 9th at 10:30 a.m. in Room 225 Biological Sciences Building. The subject of Mr. Murphy's dissertation is "Amphibian Populations and Movements at a Small Semi-Permanent Pond in Orange County, North Carolina."

The committee to conduct the examination consists of Professors J. R. Bailey, Chairman; C. G. Bookhout; D. A. Livingstone; C. L. Ward; and W. D. Billings.

ART EXHIBITIONS

The Student Union and the Department of Art announce two new exhibitions which will be ready for viewing early this week: **The Stieglitz Circle** in the Gallery of the Woman's College Library on East Campus (January 28th-February 16th) and **Printmakers of the Bay Area** in the Alumni Lounge, West Union Building (January 27th-February 20th). These exhibits are open to the public without charge.

The Stieglitz Circle, a loan exhibition from the Museum of Modern Art, presents the work of twelve American artists who were most intimately associated with Alfred Stieglitz, founder of the Photo-Secession Gallery ("291"). The painters who are represented in this exhibition are Oscar Reuben, Arthur B. Carles, Charles Demuth, Arthur G. Dove, Marsden Hartley, John Marin, Alfred H. Maurer, and Georgia O'Keefe; the sculptors Gaston, Lachaise, and Ellen-adelman; and the photographer-painter, Edward Steichen. Photographs by Stieglitz himself are also included in this exhibition.

Printmakers of the Bay Area, a loan from the Achenbach Foundation of the Graphic Arts, the California Palace of the Legion of Honor, is an exhibition of works drawn from one of the most densely populated artistic areas in the United States, "Printmakers of the Bay Area" explores the work of six of California's leading graphic artists.

DEADLINE EXTENSION GRANTED STUDENT UNION PHOTOGRAPHY CONTEST

An extension of the deadline for turning in entries for the Student Union Photography Contest has been announced by the Fine Arts Committee. The extension is granted because of the numerous requests of participants to allow more time since the examination period prevented any opportunity for processing their work.

The contest is open to all undergraduate students, graduate students, faculty, and staff to participate in the 1962-63 Student Union Photographic competition. Instruction sheets are available at the Flowers Building Information Desk.

Entrants may submit photographs in three categories: black and white prints, color prints, and color transparencies. Classifications in each category are the same: (1) Action; (2) Personalities; (3) Pictorial.

New deadline for turning in entries is 5:00 p.m., Monday, February 18th. Entries should be turned in to a representative of the committee in Room 102 Flowers Building. The exhibit will be ready for judging and viewing on Friday, February 22nd.

WOMAN'S COLLEGE SCHOLARSHIPS

The Alice M. Baldwin Scholarship

\$1000 to \$1500—The amount depending on need. To be awarded to two or three outstanding, rising seniors in The Woman's College on the basis of scholarship, character, and leadership. A confidential financial statement to be filled out by the applicant's parents is required. These blanks are available in 115 East Duke Building. The green sheet should be filled out by a professor in the department of the applicant's major. A letter from the applicant's house counselor is also required.

The Evelyn Barnes Memorial Scholarship

One \$400 or two \$200 grants to be awarded to students in The Woman's College, any class, who are contributing to the musical life of the University. Scholarship, need, character, and leadership will also be considered. No confidential financial statement is required unless application is made for as much as \$400. The green sheet should be filled out by a member of the music faculty or Mr. Paul Young of the Chapel Choir. A letter from the house counselor is also required. Confidential financial sheets are available in 115 East Duke Building.

The PanHellenic Scholarship

\$200 to be awarded to a rising senior in The Woman's College on the basis of scholarship, character, leadership, and need. No financial statement is necessary. The green sheet should be filled out by a faculty member in the department of the applicant's major. A letter from the house counselor is also required.

The Delta Delta Delta Scholarship

\$150 awarded by Delta Delta Delta to any student in The Woman's College on the basis of scholarship, character, and need. Fill out special blank only.

The Sandals Scholarship

\$100 awarded to a rising sophomore in The Woman's

College on the basis of need, character, and service. A "C" average is requisite. No financial statement is necessary. The green sheet may be filled out by any faculty member who has had the applicant in class. A house counselor's recommendation is also necessary.

Please apply for **one specific scholarship**.

All applications must be returned to the Dean's office, 115 East Duke Building by February 28th. Only completed forms will be considered.

ARTISTS SERIES THE MINNEAPOLIS SYMPHONY ORCHESTRA

The fourth concert of the 1962-63 Artists Series, the Minneapolis Symphony Orchestra with Stanislaw Skrowaczewski conducting, will be presented on Tuesday, February 12th, at 8:15 p.m. in the INDOOR STADIUM.

Now celebrating its sixtieth anniversary season, the Minneapolis Symphony Orchestra has achieved a rare combination of qualities that insure success wherever it performs.

Chief among them is a long tradition of greatness, which emanates largely from its distinguished alumni of conductors—Eugene Ormandy, Dimitri Mitropoulos and Antal Dorati—who stepped from the coveted music directorship of the Minneapolis Symphony to world renown.

Accounting for the Orchestra's brilliance, clarity and vitality is its ever-present spirit of youthfulness—never more fruitful than now, with the gifted young Polish conductor Stanislaw Skrowaczewski on the podium.

At the time of Mr. Skrowaczewski's American debut—in Cleveland in 1958—one critic wrote, "The conductor with the long name will be heard of throughout the land before long." From the start, cheering capacity crowds at the Orchestra's home auditorium in Minneapolis—as well as those hearing the Orchestra on its widespread tours—have given this prophecy quick fulfillment.

The program is as follows:

Mozart	Symphony No. 38 in D major, "Prague," K. 504
	I. Adagio-Allegro
	II. Andante
	III. Finale: Presto
Debussy	Two Nocturnes for Orchestra
	I. Clouds
	II. Festivals
Webern	Variations for Orchestra, Opus 30
Schumann	Symphony No. 4 in D minor, Opus 120
	I. Ziemlich langsam; Lebhaft
	II. Romanze; Ziemlich langsam
	III. Scherzo; Lebhaft
	IV. Langsam; Lebhaft
	(Played without pause)

Reserved seat tickets are available at \$3.00, \$2.50, and \$2.00, with a \$.50 discount on reserved seat tickets purchased prior to the concert date. Unreserved seats are \$.50 for public school and college students and \$1.00 for all others. For tickets, come to Room 202-A Flowers Building, call 681-0111, extension 2911, or write Box KM, Duke Station. (Enclose a stamped, self-addressed envelope.)

WEEK OF
Feb. 10-16, 1963

WEEK OF
Feb. 10-16, 1963

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, Feb. 10

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. Stnart C. Henry, Professor of American Christianity, The Divinity School. Sermon: "A Man for All Seasons." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, Feb. 11

4:15 p.m. Zoology Seminar. Auditorium of the Biological Sciences Building. Speaker: Dr. Robin Wallace.

4:30 p.m. Fallout Preparedness Committee Meeting. Board Room, Allen Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

7:30 p.m. Delta Phi Alpha German Honorary: "The Sins of Rose Bernd." Page Auditorium.

8:15 p.m. Parapsychology Laboratory Lecture Series: Dr. K. R. Rao. Music Room, East Duke Building.

Tuesday, Feb. 12

10:10 a.m. Divinity School Chapel. York Chapel.

11:00 a.m.-5:00 p.m. Second Music Educators Conference. Asbury Building.

12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

3:00-5:00 p.m. Campus Club Tea. University House.

4:00 p.m. Mathematics Seminar. Room 114 Physics Building. Speaker: Mr. Mei-Chang Shen.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. David Watson.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.

8:15 p.m. The Minneapolis Symphony Orchestra. Stanislaw Skrowaczewski, conductor. Indoor Stadium.

Wednesday, Feb. 13

Campus Chest Drive (West). February 13-15.

10:10 a.m. Divinity School Chapel. York Chapel.

12:45 p.m. Women of the Faculty and Staff Luncheon. Faculty Dining Room, Woman's College Union.

4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building (Auditorium) West Campus. Speaker: Dr. Bruce M. Pollock.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Engineer-in-Training Review Lectures. Auditorium of Engineering Building.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00-9:00 p.m. Badminton Session. Woman's College Gymnasium. Open to the University Community.
- 7:00 and 9:10 p.m. Quadrangle Pictures. Page Auditorium. "THE 400 BLOWS." From the vanguard of new film-makers comes an extraordinary motion picture directed by Francois Truffaut. "Reveals the explosion of a fresh creative talent. . . tremendously meaningful!"—Crowther, *N. Y. Times*. "One of the great timeless French pictures!"—*N. Y. Post*. (French and in cinemascope)
- 8:15 p.m. Varsity Basketball: Duke versus University of Virginia. Charlottesville, Virginia.

Thursday, Feb. 14

- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. Tom Danek.
- 12:30 p.m. Plant Ecology Seminar. Room 144 Biological Sciences Building. Speaker: Mr. John Darling.
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00 p.m. North Carolina Little Symphony Children's Concert. Durham High School Auditorium.
- 4:00 p.m. Undergraduate Faculty Council. Room 208 Flowers Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. S. U. Last Lecture Series: Dr. W. D. White, School of Religion. 208 Flowers Building.

Friday, Feb. 15

- 10:10 a.m. Divinity School Chapel. York Chapel.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Bertram Karon.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty

daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.

- 7:00-12:00 midnight International Club Folk Dancing. "The Ark"—East Campus.
- 8:00 p.m. "Devil Revels"—Panhellenic Council. Page Auditorium.
- 8:00 p.m. International Club presents African Tour Slides. President's Clubroom of Woman's College Auditorium.

Saturday, Feb. 16

- 9:00 a.m.-5:00 p.m. State Solo and Ensemble Contest: Vocal Division. John Hanks, Director. Asbury Building.
- 1:30 p.m. National Intercollegiate Bridge Tournament. Green Room, East Duke Building.
- 7:00 and 9:10 p.m. Quadrangle Pictures. Page Auditorium. "THE 400 BLOWS." From the vanguard of new film-makers comes an extraordinary motion picture directed by Francois Truffaut. "Reveals the explosion of a fresh creative talent. . . tremendously meaningful!"—Crowther, *N. Y. Times*. "One of the great timeless French pictures!"—*N. Y. Post*. (French and in cinemascope)
- 8:15 p.m. Varsity Basketball: Duke versus Wake Forest College. Indoor Stadium.
- 8:15 p.m. Duke String Quartet Concert. Music Room, East Duke Building.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Stuart C. Henry, Professor of American Christianity, The Divinity School, will deliver the sermon at the University Service of Worship on Sunday, February 10th, at 11:00 a.m. in the University Chapel. His subject will be "A Man for All Seasons." The order of service follows:

- Opening Organ Voluntary—Chorale-Preludes *Brahms*
 "My Heart Is Filled With Longing" two settings
 Choral Adoration—"Sanctus" from Mass II *Hassler*
 Hymn—"Joyful, Joyful, We Adore Thee"
Arr. from Ludwig van Beethoven
- The Prayer of Confession
 Words of Assurance
 The Lord's Prayer
 Anthem—"Lord, to Thee We Turn" *Orlando di Lasso*
 Scripture Lesson—Matthew 10:16-34
 Hymn—"God of Grace and God of Glory" *John Hughes*
 Call to Prayer
 The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition, and Dedication
 The Offering
 Offertory Organ Interlude
 Anthem—"Rest Here In Peace" *Johann Bach*
 Response—The Doxology
 Prayer of Dedication
 Sermon—"A Man for All Seasons"
 Prayer
 Benediction
 Choral Response—"Sevenfold Amen" *Stainer*
 The Chimes
 Closing Organ Voluntary—
 "We All Believe In One God, Creator" *Bach*
 (the Giant Fugue)

DENOMINATIONAL ANNOUNCEMENT

BAPTIST STUDENT UNION: Wednesday, 6:00 P.M., Center, Worship. **Thursday, 12:30 P.M.,** Center, Faculty-graduate Luncheon; a discussion with view to possible statement of position as regards "The Ralph Elliot Controversy." Also, discussion of future programs. **Friday, 6:15 P.M.,** Center, Supper followed by seminars—"Why the Church?", a discussion of the nature and meaning of the church led by Reverend Warren Carr; "Soren Kierkegaard and the Christian Faith" led by Dr. Charles Robinson. Campbell College and the NCC Baptist Student Union will be guests.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., East Duke Chapel.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Chapel of St. Michael, Holy Communion; 5:30 P.M., Evening Prayer; 6:00 P.M., Canterbury. **Monday, 7:00 P.M.,** Seminar on "The Church In A Post-Christendom World." **Wednesday, 7:10 A.M.** and 5:30 P.M., Holy Communion. **Thursday, 4:15 P.M.,** Inquirers' Class. **Friday, 3:00 P.M.,** Dr. Bush's Seminar on Orthodoxy.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Grace Lutheran Church, Buchanan Blvd. and Green St., group discussion on Human Relationships. **Wednesday, 7:15 A.M.,** Memorial Chapel of Duke Chapel, Holy Communion.

METHODIST CENTER: Sunday, 9:30 A.M., Study Groups; 6:00 P.M., Congregational Supper, Worship, and Discussion—"The Church, A Missionary Congregation." **Wednesday, 6:00 P.M.,** Holy Communion.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 5:30 P.M., Westminster House, Vespers, Supper, and Student-Faculty Discussion—"A Criticism of the Presbyterian Church and of Duke University." Faculty members and their wives are cordially urged to come. All are welcome.

UNITARIAN FELLOWSHIP: Sunday, 7:30 P.M., Meeting at the apartment of Charles Wells, 200 Atlas Street, Apt. 1, discussion on "Bahai." Rides from East Campus at 7:15 P.M.; Rides from West at 7:30 P.M.

PSYCHOLOGY COLLOQUIUM

A Psychology Colloquium will be held on Tuesday, February 12th, at 4:30 p.m. in Room 209 Bivins Building. The speaker will be Dr. David Watson of Yale University; his topic will be "Effects of Certain Social Power Structures on Communication in Task-Oriented Groups." Coffee will be served at 4:00 p.m.

DELTA PHI ALPHA FILM

Delta Phi Alpha, the German Honorary Society, will present a film, "THE SINS OF ROSE BERND" with Maria Schell and Raf Vallone, on Monday, February 11th, at 7:30 p.m. in Page Auditorium. The film is the screen adaptation of Gerhart Hauptmann's celebrated play "Rose Bernd."

FALLOUT PREPAREDNESS COMMITTEE MEETING

There will be a meeting of the Fallout Preparedness Committee on Monday, February 11th, at 4:30 p.m. in the Board Room of Allen Building. This is a very important meeting and all members of the committee are urged to attend.

ARTISTS SERIES

THE MINNEAPOLIS SYMPHONY ORCHESTRA

The fourth concert of the 1962-63 Artists Series, the Minneapolis Symphony Orchestra with Stanislaw Skrowaczewski conducting, will be presented on Tuesday, February 12th, at 8:15 p.m. in the INDOOR STADIUM.

Now celebrating its sixtieth anniversary season, the Minneapolis Symphony Orchestra has achieved a rare combination of qualities that insure success wherever it performs.

Chief among them is a long tradition of greatness, which emanates largely from its distinguished alumni of conductors—Eugene Ormandy, Dimitri Mitropoulos and Antal Dorati—who stepped from the coveted music directorship of the Minneapolis Symphony to world renown.

Accounting for the Orchestra's brilliance, clarity and vitality is its ever-present spirit of youthfulness—never more fruitful than now, with the gifted young Polish conductor Stanislaw Skrowaczewski on the podium.

At the time of Mr. Skrowaczewski's American debut—in Cleveland in 1958—one critic wrote, "The conductor with the long name will be heard of throughout the land before long." From the start, cheering capacity crowds at the Orchestra's home auditorium in Minneapolis—as well as those hearing the Orchestra on its widespread tours—have given this prophecy quick fulfillment.

The program is as follows:

Mozart	Symphony No. 38 in D major, "Prague," K. 504 I. Adagio-Allegro II. Andante III. Finale: Presto
Debussy	Two Nocturnes for Orchestra I. Clouds II. Festivals
Webern	Variations for Orchestra, Opus 30
Schumann	Symphony No. 4 in D minor, Opus 120 I. Ziemlich langsam; Lebhaft II. Romanze; Ziemlich langsam III. Scherzo; Lebhaft IV. Langsam; Lebhaft (Played without pause)

Reserved seat tickets are available at \$3.00, \$2.50, and \$2.00, with a \$.50 discount on reserved seat tickets purchased prior to the concert date. Unreserved seats are \$.50 for public school and college students and \$1.00 for all others. For tickets, come to Room 202-A Flowers Building, call 681-0111, extension 2911, or write Box KM, Duke Station. (Enclose a stamped, self-addressed envelope.) Tickets will be available at the regular price the evening of the performance.

SECOND ANNUAL MUSIC EDUCATORS CONFERENCE

The Mary Duke Biddle Foundation and the Department of Music will present the Second Annual Music Educators Conference on Tuesday, February 12th featuring the Minneapolis Symphony Brass Ensemble and Woodwind Quintet, the Duke String Quartet and Robert Jamieson, principal 'cellist of the Minneapolis Symphony. Although designed primarily to interest high school and college instrumental teachers of the state and their students, all members of the University Community as well as the general public are cordially invited to attend all programs and clinic sessions. There will be no charge for any portion of the Conference and all its events will take place on the Woman's College campus. Conference Headquarters will be the Foyer of the Woman's College Auditorium. The program will be as follows:

9:30-10:30 a.m. The Minneapolis Symphony Brass Ensemble
Woman's College Auditorium

Session Chairman: Paul Bryan

PROGRAM

I

Dietrick Buxtehude	Fanfare and Chorus
Johann Hermann Schein	Paduana and Gaillard
Nicolai Berezowsky	Brass Suite

II

Anonymous	Suite from Royal Brass Music of King James I
Giovanni Gabrieli	Canzon septimi toni, No. 2
Aurelio Bonelli	Toccata

III

Paul Dukas	Fanfare
Anonymous	Souata from the Banksangerlieder
Franz Joseph Haydn	Three English Military Marches

IV

Paul Hindemith	Morgenmusik
Johann Pezel	Three Pieces
	Intrada, Sarabande, Bal
Paul Shahan	Leipzig Towers

The artists are:

Trumpets:	*Stephen Chenette Ronald Hasselmann Clement Volpe
Horns:	*Robert Elworthy Frank Winsor
Trombones:	*Steven Zellmer Lawrence Weinman
Baritone:	Ronald Ricketts
Tuba:	*Paul Walton

*These artists will participate in the afternoon Clinic Sessions
10:45-11:30 a.m. The Duke String Quartet

Session Chairman: Allan Bone

The members are:

Joseph Pepper, Violin	Julia Mueller, Viola
William Martin, Violin	William Klenz, Violoncello
Beethoven	Quartet in C Minor, Opus 18, No. 4
Allegro ma non tanto	
Andante (Scherzo)	
Allegro	
Illustration of problem factors in ensemble playing—style, rhythm, balance, rubato	

Work: Schubmann—Quartet in A Minor, Opus 41, No. 1
Discussion by: Julia Mueller

11:30 a.m.-12:15 p.m. Panel Discussion

Subject: Performance—A Technique or an Art

Joseph Pepper

Julia Mueller

Robert Jamieson, Principal 'Cellist, Minneapolis Symphony

Allan Bone, Moderator

2:00-3:00 p.m. The Minneapolis Symphony Woodwind Quintet
Woman's College Auditorium

Session Chairman: James Henry

PROGRAM

Bernhard Heiden	Sinfonis (1949)
Samuel Barber	Summer Music, Opus 31
Vincent Persichetti	Pastoral, Opus 21
Charles Lefebvre	Suite for Woodwinds, Opus 57

The artists are:

Flute:	Emil Opava
Clarinet:	Cloyde Williams
Oboe:	Rhadames Angelucci
Bassoon:	William Santucci
French Horn:	Robert Elworthy

Each of the artists will participate in the Clinic Sessions scheduled below.

3:15-4:15 p.m. Clinic Session I

4:15-5:15 p.m. Clinic Session II

Directors and students should feel free to move from one Clinic to another.

—Meeting Places—

Flute:	Emil Opava, Clinician Room 204, East Duke Building (Large Lecture Room, second floor)
Oboe:	Rhadames Angelucci, Clinician Green Room, East Duke Building (First floor, first room on right as enter Building from "Statue Circle")
Clarinet:	Cloyde Williams, Clinician Music Room, East Duke Building (Room 201, second floor)
Bassoon:	William Santucci, Clinician President's Club Room, Woman's College Auditorium (Underneath stage)
Trumpet:	Stephen Chenette, Clinician Stage, Woman's College Auditorium
French Horn:	Robert Elworthy, Clinician Room 208, Asbury Building (Second floor)
Trombone:	Steven Zellmer, Clinician Room 105, Asbury Building (First floor, left of front entrance)
Tuba:	Paul Walton, Clinician Room 109, Asbury Building (First floor, right of front entrance)

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, February 12th at 4:00 p.m. in Room 114, Physics Building. Mr. Mei-Chang Shen will speak on the topic "Surf and Singular Partial Differential Equations." Coffee will be served at 3:30 in Room 124.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, February 11th, in the auditorium of the Biological Sciences Building at 4:15 p.m. Dr. Robin Wallace from the Biology Division, Oak Ridge National Laboratory, Oak Ridge, Tennessee will speak on "Studies on Amphibian Yolk." Coffee and tea will be served in the foyer at 4:00 p.m. preceding the seminar.

PARAPSYCHOLOGY LECTURE SERIES

The Parapsychology Laboratory announces the second in a series of four public lectures to be given during the academic year. On Monday, February 11th, at 8:15 p.m. in the Music Room, East Duke Building, Dr. K. Ramakrishna Rao will speak on the topic: "Parapsychology—East and West." All members of the University Community are invited to attend the lecture.

CAMPUS CLUB TEA

The Campus Club of Duke University will give a tea at University House on Myrtle Drive from 3:00-5:00 p.m. on Tuesday, February 12th. The hostess departments for this occasion will be: Surgery, Zoology, Anatomy, Biochemistry and Microbiology with Mrs. William L. Byrne as general chairman. Mrs. I. E. Gray has arranged an exhibit of antique glass and china.

ENGINEER-IN-TRAINING EXAMINATION REVIEW LECTURES

The Duke University Chapter of Pi Tau Sigma, mechanical engineering national honor society, is sponsoring a series of review lectures on engineering fundamentals for those persons preparing for the Engineer-in-Training examination to be given in May by the State of North Carolina.

The EIT Examination is the first of two parts of written examinations in partial fulfillment of the requirements for the registration and licensing of engineers in North Carolina.

Review lectures are scheduled on successive Wednesday nights at 7:00 p.m. in the auditorium of the College of Engineering Building on the Duke West Campus. All sessions are open to the public. The dates and topics to be included are as follows:

Lecture No.	DAY	DATE	TOPIC	INSTRUCTOR
1	Wed.	2-13-63	Electric Machinery	Meier
2	Wed.	2-20-63	Electric Circuits	Owen
3	Wed.	2-27-63	Chemistry	Strobel
4	Wed.	3-6-63	Strength of Materials	Palmer
ENGINEERS' SHOW				
5	Wed.	3-20-63	Hydraulics	Williams
SPRING VACATION				
6	Wed.	4-3-63	Measurements	Macduff
7	Wed.	4-10-63	Thermodynamics	Harman
8	Wed.	4-17-63	Statics	Wood
9	Wed.	4-24-63	Dynamics	Hill

NOTICE TO WOMEN OF THE FACULTY AND STAFF

On Wednesday, February 13th, at 12:45 p.m., the women of the faculty and staff who are interested in meeting for luncheon will meet in the Faculty Dining Room of the Woman's College Union. Luncheon tickets may be obtained in the lobby of the Union. Reservations are not necessary.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, February 13th at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium) West Campus. Dr. Bruce M. Pollock of the U.S. Department of Agriculture will speak on "The Rest Period—A Simple or Complex Control System." Dr. Pollock is in charge of vegetable seed investigations for the Agricultural Research Service, Plant Industry Station, Beltsville, Maryland. Refreshments will be served at 4:00 p.m.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, February 14th, at 12:30 p.m. in Room 144 Biological Sciences Building. Mr. John Darling, candidate for the Ph.D. degree in botany, will discuss "Heat, Drought, Cold and Deluge: Some Case Histories—The TV Weatherman Revisited." Mr. Darling will define and explain some "unusual" instances of weather in the Raleigh-Durham area during the past six years.

CHILDREN'S CONCERT

There will be a free concert for children by North Carolina's Little Symphony on Thursday, February 14th, at 4:00 p.m. in the Durham High School Auditorium. All parents are urged to take advantage of this additional free concert furnished by the Durham Chapter of the North Carolina Symphony Society. Bring or send your children. Adults accompanying children will be admitted free.

UNDERGRADUATE FACULTY COUNCIL

The Undergraduate Faculty Council will meet at 4:00 p.m. on Thursday, February 14th, in Room 208 Flowers Building.

S. U. LAST LECTURE SERIES DR. W. D. WHITE

The Educational Affairs Committee will present Dr. W. D. White, Assistant Professor of Religion, in the Student Union Last Lecture Series at 8:15 p.m. on Thursday, February 14th in Room 208 Flowers Building. The public is cordially invited to attend.

Dr. White holds the Ph.D. degree in English from the University of Texas and has work in progress at Princeton University for the Ph.D. degree in Religion. He has recently been appointed director of undergraduate studies in Religion for the fall of 1963. A Fulbright scholar, Dr. White has studied extensively in Europe and will speak to an open meeting on his particular field of interest, the religious values in modern and classical literature.

INTERNATIONAL CLUB PRESENTS AFRICAN TOUR

Members of the International Club will present a tour through slides of Uganda, Kenya, Tanganyika, and Northern Rhodesia on Friday, February 15th, at 8:00 p.m. in the President's Clubroom of the Woman's College Auditorium. Everyone is cordially invited to attend this interesting meeting.

NATIONAL INTERCOLLEGIATE BRIDGE TOURNAMENT

Duke University will be one of the more than 175 colleges, universities, and junior colleges throughout the country which will participate in the 1963 National Intercollegiate Bridge Tournament.

Mr. Robert Ellis will serve as tournament director for Duke University for the competition, which is sponsored by the Association of College Unions and, locally, by the Duke Student Union.

All play will be by mail and will be conducted on the individual campuses in a single session, at Duke on Saturday, February 16th, at 1:30 p.m. in the Green Room, East Duke Building. All undergraduate and graduate students are eligible for play and will have the entry fee of \$1.00 subsidized by one half by the Student Union.

The hands have been analyzed by William Root, contract bridge authority, who will determine campus, regional and national winners.

THE DUKE STRING QUARTET CONCERT

The Department of Music will present the second of a series of concerts by the Duke String Quartet on Saturday, February 16th, at 8:15 p.m. in the Music Room, East Duke Building. Composed of faculty and staff from the Department of Music, the members of the Quartet are: Joseph Pepper, violin; William Martin, violin; Julia Mueller, viola; and William Klenz, 'cello. The University Community and the general public are cordially invited to attend the performance. The program will be as follows:

Quartet No. 4 in C Minor, Opus 18, No. 4 *Beethoven*

Allegro ma non tanto
Scherzo (Andante scherzoso quasi allegretto)
Menuetto (Allegretto)
Allegro

Quartet No. 21 in D Major (K. 575) *Mozart*

Allegretto
Andante
Menuetto
Allegretto

Intermission

Quartet in A Minor, Opus 41 *Schuman*

Andante espressivo—Allegro
Scherzo
Adagio
Presto

PSYCHOLOGY COLLOQUIUM

There will be a Psychology Colloquium on Friday, February 15th, at 4:30 p.m. in Room 209 Bivins

Building. The speaker will be Dr. Bertram Karon of Michigan State University. Coffee will be served at 4:00 p.m. All interested persons are cordially invited to attend.

ART LOAN COLLECTION

The Department of Art announces a limited number of pictures available for rental in two collections; they may be secured in Room 103 Asbury Building on Mondays through Fridays from 9:00 a.m.-5:00 p.m.

STUDENT LOAN PICTURES—Free of charge; open to all students of Duke University.

ART LOAN COLLECTION—Rental Fee is \$3.00 per semester; to be paid in advance.

ADVANCE NOTICE SENIOR RECITAL BY CLAUDIA BRAY, SOPRANO

The Department of Music will present a senior recital by Claudia Bray, soprano, on Sunday, February 17th, at 4:00 p.m. in the Music Room, East Duke Building. A music major and a student of John Hanks, Miss Bray will be assisted at the piano by Ruth Friedberg. The University community and the general public are cordially invited to attend. The program will be as follows:

I

Già il sole dal Gange
Amarilli, mia bella
Vittoria, mio core!

*A. Scarlatti
Caccini
Carissimi*

II

Das verlassene Mägdelein
Gesang Weylas
Wie Melodien zieht es mir
Vergebliches Ständchen

*Hugo Wolf
Hugo Wolf
Johannes Brahms
Johannes Brahms*

III

Recitative and Aria
"Adieu, forêts" from Jeanne d'Arc

Tchaikovsky

Intermission

IV

Five Songs
In the Fields
Evening
Rapunzel
Wild Swans
Morning in Paris

John Duke

V

Siete Canciones populares Españolas
El Paño Moruno
Seguidilla Murciana
Asturiana
Jota
Nana
Canción
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ADVANCE NOTICE ECONOMICS SEMINAR

The Economics Seminar will be held on Monday, February 18th, at 4:00 p.m. in Room 208 Flowers Building. Professor Herbert Giersch of the University of Saarland, Saarbraecken, Germany, will give a lecture on "Economic Growth in Postwar Germany." All interested persons are invited to attend.

WEEK OF
Feb. 17-23, 1963

WEEK OF
Feb. 17-23, 1963

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, Feb. 17

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship, University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon: "Prayer in a Secularistic Age." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Senior Recital: Claudia Bray, Mezzo-soprano. Music Room, East Duke Building.

Monday, Feb. 18

8:10 a.m. English II Lecture. Room 111 Biological Sciences Building. Mr. Reynolds Price: **Riders to the Sea**. Limited space for visitors.

10:00 a.m. Duke Bar Association Public Lecture. Law School Courtroom. Speaker: Dr. Quincy Wright.

12:50 p.m. English II Lecture. Room 111 Biological Sciences Building. Mr. Carl Anderson: **Riders to the Sea**. Limited space for visitors.

2:00-5:00 p.m. Hoof 'n' Horn Tryouts. Page Auditorium.

2:00 p.m. English II Lecture. Room 204 East Duke Building. Mr. Reynolds Price: **Riders to the Sea**. Limited space for visitors.

4:00 p.m. Engineering Faculty Council Meeting. Conference Room, Engineering Building.

4:00 p.m. Hydrology Seminar. Auditorium of Engineering Building (Room 125). Speaker: Waldo E. Smith.

4:00 p.m. Economics Seminar. Room 208 Flowers Building. Speaker: Professor Herbert Giersch.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

7:00-10:00 p.m. Hoof 'n' Horn Tryouts.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

Tuesday, Feb. 19

8:10 a.m. English II Lecture. Room 111 Biological Sciences Building. Mr. Carl Anderson: **Riders to the Sea**. Limited space for visitors.

10:10 a.m. Divinity School Chapel. York Chapel. Dr. Thomas A. Langford.

11:40 p.m. English II Lecture. Room 204 East Duke Building. Mr. Carl Anderson: **Riders to the Sea**. Limited space for visitors.

12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00-10:00 p.m. Hoof 'n' Horn Tryouts. Page Auditorium.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

- 7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.
- 8:00 p.m. National Engineers' Week Lecture. Lecture Room of College of Engineering Building. Speaker: Dr. Ralph D. Bennett.
- 8:15 p.m. S. U. Fine Arts Film Festival. Page Auditorium.
- 8:15 p.m. Varsity Basketball: Duke versus Maryland. College Park, Maryland.

Wednesday, Feb. 20

- 10:10 a.m. Divinity School Chapel. York Chapel. Dr. Thomas A. Langford.
- 4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building (Auditorium). Speaker: Dr. Paul J. Kramer.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Engineer-in-Training Review Lectures. Auditorium of Engineering Building.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00-9:00 p.m. Badminton Open House. Woman's College Gymnasium.
- 7:00-9:00 p.m. Quadrangle Pictures. Page Auditorium. "THE COW AND I" (French) with Fernandel and introducing Marguerite. "An altogether original delight."—*Newsweek*. "FERNANDEL has never made a funnier comedy."—*Daily News*.

Thursday, Feb. 21

- 10:00 a.m.-3:00 p.m. Newcomers Club Meeting: Sewing for Needlework Guild. Home of Mrs. Robert Cushman, 2022 Myrtle Drive.
- 10:10 a.m. Divinity School Chapel. Mr. David Lewis.
- 11:30 a.m. Civil Engineering Seminar. Room 120 Engineering Building. Speaker: Mr. Jimmy Balsara.
- 12:30 p.m. Plant Ecology Seminar. Room 144 Biological Sciences Building. Speaker: Dr. Frank W. Woods.
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00 p.m. Special Meeting of the University Faculty. Room 125 Engineering Building.
- 4:15 p.m. Zoology Seminar. Auditorium of Biological Sciences Building. Speaker: Dr. William Jones.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15 p.m. Faculty Volleyball. Indoor Stadium.

- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:00 p.m. Folk Concert. Memorial Hall on University of North Carolina campus.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Benjamin N. Duke Lecturer in Architecture: President Albert Bush-Brown, Rhode Island School of Design. Page Auditorium.

Friday, Feb. 22

- 10:10 a.m. Divinity School Chapel. York Chapel.
- 1:00-5:00 p.m. 9th Conference on Teaching of Social Studies. Woman's College Auditorium.
- 3:30-5:30 p.m. Meeting of International Students. Speaker: Nitish Laharry, World President of Rotary Club. Room 204 East Duke Building.
- 4:00 p.m. Chemistry Staff Seminar. Room 01 Chemistry Building. Speaker: Professor Charles W. Shoppee.
- 4:15 p.m. Duke Concert Band Rehearsal. Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.
- 7:00-12:00 midnight. International Club Folk Dancing. "The Ark"—East Campus.
- 8:15 p.m. Five Evenings with Iain Hamilton, Composer, Mary Duke Biddle Professor of Music. Part III: Music Faculty and Hamilton Compositions. Music Room, East Duke Building.

Saturday, Feb. 23

- 8:30 a.m.-12 noon. 9th Conference on Teaching of Social Studies. Woman's College Auditorium.
- 9:00 a.m.-5:00 p.m. State Solo and Ensemble Contest: Instrumental Division. Paul Bryan, Director. Asbury Building.
- 9:00 a.m. Peace Corps Placement Test. Room 309 Flowers Building.
- 2:00 p.m. Varsity Basketball: Duke versus University of North Carolina. Indoor Stadium. Televised.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "THE COW AND I" (French) with Fernandel and introducing Marguerite. "An altogether original delight."—*Newsweek*. "FERNANDEL has never made a funnier comedy."—*Daily News*.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Howard C. Wilkinson, Chaplain to the University, will deliver the sermon at the University Service of Worship on Sunday, February 17th, at 11:00 a.m. in the University Chapel. His subject will be "Prayer In A Secularistic Age." The order of service follows:

Presiding Minister: The Reverend Alleu K. Gilmore, Chaplain Intern.

Opening Organ Voluntary—Three Chorale Preludes *Bach*
 "O Man Bewail Thy Grievous Sin"
 "I Call to Thee, Lord Jesus Christ"
 "O Thou of God the Father"

Choral Adoration—"Sanctus" from Mass II *Hassler*
 Hymn—"Praise To The Lord" *From Praxis Pietatis Melica*
 The Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Holy, Loving Father" *Giovanni Palestrina*

Scripture—Luke 11:1-13

Hymn—"Guide Me, O Thou Great Jehovah" *John Hughes*
 Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—"And He That Doth Search the Hearts" *Johann Bach*

Response—The Doxology

Prayer of Dedication

Sermon—"Prayer In A Secularistic Age"

Prayer

Benediction

Choral Response—"Sevenfold Amen" *Stainer*

The Chimes

Closing Organ Voluntary—Litanies *Alain*

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Wednesday, 6:00 P.M., Center, Informal meeting followed by devotional service. Friday, 6:00 P.M., Supper and Seminars: "Why the Church?" led by Reverend Warren Carr and "Soren Kierkegaard and the Christian Faith" led by Dr. Charles Robinson.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., East Duke Chapel.

EPISCOPAL STUDENT FELLOWSHIP: Sunday, 9:00 A.M., Holy Communion; 5:30 P.M., Evening Prayer; 6:00 P.M., Canterbury (afterwards, supper and discussion). Monday, 7:00 P.M., Seminar: "The Church in a Post-Christendom World." Wednesday, 7:10 A.M. and 5:00 P.M., Holy Communion. Thursday, 4:15 P.M., Inquirer's Class. Friday, 3:00 P.M., Seminar: "The Image of Man in Contemporary Drama."

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Grace Lutheran Church, Buchanan and Green Streets, Group Discussion: "Population—Going Up."

METHODIST CENTER: Sunday, 9:30 A.M., Methodist Center, Seminar: "The Renewal of the Church," Anwar Barkat and Jack Carroll, Leaders (membership still open); 6:00 P.M., Center, Worship—Waldo Mead, Preacher. Wednesday, 6:00 P.M., Holy Communion. Dr. Harold McCurdy, Professor of Psychology at U. N. C., will lead a seminar on "Interpersonal Relations" at the Methodist Center Sundays and Wednesdays, February 17, 20, 24, 27, at 7:00 P.M. There will be a \$1.00 tuition charge for seminar participants. Interested participants may call the Methodist Center (286-9230) to register, or register at the first meeting on Sunday, February 17. Tuesday, 8:30 P.M., Wesley Players Drama Workshop; 9:30 P.M., Film Forum.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 5:30 P.M., Westminster House, VESPERS—SUPPER—PROGRAM. Speaker: Dr. William C. Bennett, "The Biblical Doctrine of Time"; Lay Reader: Dr. Pelham Wilder.

SENIOR RECITAL BY CLAUDIA BRAY, SOPRANO

The Department of Music will present a senior recital by Claudia Bray, soprano, on Sunday, February 17th, at 4:00 p.m. in the Music Room, East Duke Building. A music major and a student of John Hanks, Miss Bray will be assisted at the piano by Ruth Friedberg. The University community and the general public are cordially invited to attend. The program will be as follows:

I

Già il sole dal Gange
 Amarilli, mia bella
 Vittoria, mio core!

A. Scarlatti
Caccini
Carissimi

II

Das verlassene Mägdelein
 Gesang Weylas
 Wie Melodien zieht es mir
 Vergebliches Ständchen

Hugo Wolf
Hugo Wolf
Johannes Brahms
Johannes Brahms

III

Recitative and Aria

"Adieu, forêts" from Jeanne d'Arc

Tchaikovsky

Intermission

IV

Five Songs

In the Fields
 Evening
 Rapunzel
 Wild Swans
 Morning in Paris

John Duke

V

Siete Caneiones populares Españolas

El Paño Moruno
 Seguidilla Murciana
 Asturiana
 Jota
 Nana
 Canción
 Polo

Manuel de Falla

DUKE BAR ASSOCIATION PUBLIC LECTURE

Dr. Quincy Wright, Director of the Institute of War and Peace Studies at Columbia University, will deliver a public address in the Law School Courtroom on Monday, February 18th, at 10:00 a.m. His subject will be "International Law and the Cuban Crisis." Dr. Wright's appearance is sponsored by the Professional Affairs Committee of the Duke Bar Association.

ENGINEERING FACULTY COUNCIL MEETING

The Engineering Faculty Council will meet on Monday, February 18th at 4:00 p.m. in the Conference Room of the Engineering Building.

HYDROLOGY SEMINAR

"Current Developments in Hydrology" will be the topic of a special seminar by Waldo E. Smith, Executive Secretary of the American Geophysical Union. The seminar which is sponsored by the School of Forestry and the Department of Civil Engineering, will be held at 4:00 p.m. on Monday, February 18th in the Auditorium of the Engineering Building (Room 125). All persons interested in hydrology, watershed management, or other areas of geophysics are cordially invited to attend.

ECONOMICS SEMINAR

The Economics Seminar will be held on Monday, February 18th, at 4:00 p.m. in Room 208 Flowers Building. Professor Herbert Giersch of the University of Saarland, Saarbraecken, Germany, will give a lecture on "Economic Growth in Postwar Germany." All interested persons are invited to attend.

NATIONAL ENGINEERS' WEEK LECTURE

The National Engineers' Week Lecture will be held on Tuesday, February 19th, at 8:00 p.m. in the Lecture Room of the College of Engineering Building. Dr. Ralph D. Bennett will speak on the topic: "America's Engineers Build for the Future," an illustrated lecture based on the 1963 theme for National Engineers' Week.

Dr. Bennett is vice president of the Martin Company and General Manager of the Nuclear division which conducts research, development and production work on packaged nuclear power plants, isotopic power sources, nuclear components, direct conversion reactors and nuclear propulsion projects.

The public is cordially invited to attend this lecture.

STUDENT UNION FINE ARTS FILM FESTIVAL

The Fine Arts Committee of the Duke University Student Union will present its annual Fine Arts Film Festival on Tuesday, February 19th, at 8:15 p.m. in Page Auditorium. The films will be in color and cover the contemporary fields of art, sculpture, modern dance, pantomime and ballet. The program is open to the public without charge.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, February 20th, at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium) West Campus. Dr. Paul J. Kramer, James B. Duke Professor of Botany at Duke will speak on "Some Observations Down Under."

Professor Kramer recently completed extensive travels in Australia and New Zealand, where he visited with botanists and agricultural workers, and inspected various research facilities in these countries, especially those dealing with controlled environment studies. He participated in an international program on controlled environment at Canberra held in connection with dedication of their new phytotron. Professor Kramer will discuss observations made during these travels.

Refreshments will be served at 4:00 p.m.

CIVIL ENGINEERING SEMINAR

The Civil Engineering Seminar will be held on Thursday, February 21st, at 11:30 a.m. in Room 120 Engineering Building. Mr. Jimmy Balsara, graduate student in Civil Engineering, will speak on "Analysis of Hyperbolic Paraboloid Shell Under Uniform Load." All interested persons are cordially invited to attend.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, February 21st at 12:30 p.m. in Room 144 Biology Building. Dr. Frank W. Woods of the Forestry School will speak on "Studies of Tree Root Distribution Using Radioactive Tracers."

SPECIAL MEETING OF THE UNIVERSITY FACULTY

The University Faculty will meet in special session in Room 125 Engineering Building on Thursday, February 21st at 4:00 p.m. The agenda will include action on recommendations of the Joint Faculty-Trustee Committee on Honorary Degrees.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar jointly with the Biochemistry Department on Thursday, February 21st at 4:15 p.m. in the Auditorium of the Biological Sciences Building. Dr. William Jones of the National Institute of Health, Bethesda, Maryland, will discuss "The Problem of Information Transfer." Coffee and tea will be served in the foyer at 4:00 p.m. preceding the seminar.

FOLK CONCERT

Joe and Penny Aronson will be the featured singers in a Folk Concert on Thursday evening, February 14th at 8:00 p.m. at the Memorial Hall on the University of North Carolina campus. The program is under the joint auspices of the B'nai B'rith Hillel Foundations in North Carolina. Admission is \$1.00 and proceeds will go to a Hillel Scholarship Fund.

BENJAMIN N. DUKE LECTURE

"College Architecture: Ivy Towers or Shiny Prisms," the first of this season's Benjamin N. Duke Lectures in the History of Art, will be given with illustrations by Dr. Albert Bush-Brown, President of the Rhode Island School of Design, on Thursday, February 21st, at 8:15 p.m. in Page Auditorium.

Dr. Bush-Brown, whose book on the subject is being readied for publication, was until recently Associate Professor of Architectural History and Executive Officer of the Department of Architect at the Massachusetts Institute of Technology. The Benjamin N. Duke Lectures in the History of Art are supported for the second year by the Mary Duke Biddle Foundation, and arranged by the Department of Art.

The public is cordially invited to attend the lecture and the reception following in Flowers Lounge.

CHEMISTRY STAFF SEMINAR

Professor Charles W. Shoppee will speak at the Chemistry Staff Seminar on Friday, February 22nd, at 4:00 p.m. in Room 01 of the Chemistry Building. Professor Shoppee is Professor of Organic Chemistry at the University of Sydney and this semester is Visiting Professor in the Department of Chemistry, Duke University. His subject will be "The Application of Physical Methods to the Determination of the Structures of Natural Products."

All interested persons are cordially invited to attend.

FIVE EVENINGS WITH IAIN HAMILTON CHAMBER WORKS

The Department of Music will present the third in a series of programs entitled, "Five Evenings with Iain Hamilton," on Friday, February 22nd at 8:15 p.m. in the Music Room, East Duke Building. Devoted exclusively to recent chamber music composed by Mr. Hamilton the program will feature the following members of the Department of Music: Julia Mueller, violin; Ruth Friedberg, piano; John Hanks, tenor; Allan Bone, clarinet; Ronald Fishbaugh, piano; James Henry, clarinet; Joseph Pepper, violin; William Klenz, violoncello and Professor Earl Sloeum, flute, of the Department of Music of the University of North Carolina and Barbara Pepper, violoncello, of Durham as performers. Mr. Hamilton, Mary Duke Biddle Professor of Music, will comment on each of the works. Included in the concert will be the world premiere of "Sextet" (1962) commissioned especially for the performing resources of the Duke music faculty by the Mary Duke Biddle Foundation. The University community and the general public are cordially invited to attend. The program will be as follows:

Piano Trio

Allegro gioioso

Andante

Presto

Julia Mueller, Violin

Barbara Pepper, Violoncello

Ruth Friedberg, Piano

Cantata for Tenor and Piano (1957)

1. Anonymous (circa 1300)

2. John Barbour (circa 1320-1395)

John Hanks, Tenor

Ruth Friedberg, Piano

American Premiere

INTERMISSION

Serenata for Violin and Clarinet (1956)

Grazioso

Andante

Vivo

Julia Mueller, Violin

Allan Bone, Clarinet

American Premiere

Three Piano Pieces (1956)

Allegro

Lento

Vivo

Ronald Fishbaugh

Sextet (1962)

Prelude (Andante)

Prestissimo

Interlude (Adagio)

Prestissimo

Postlude (Lento)

Earl Sloeum, Flute

Allan Bone, Clarinet

James Henry, Clarinet

Joseph Pepper, Violin

William Klenz, Violoncello

Ronald Fishbaugh, Piano

Commissioned by the Mary Duke Biddle Foundation for the music faculty of Duke University World Premiere

PEACE CORPS PLACEMENT TEST

Duke University students planning to apply for Peace Corps service beginning this summer can take advantage of a special on-campus administration of the Peace Corps Placement Test to be given Saturday, February 23rd. The test, which will begin at 9:00 a.m. will be held in 309 Flowers Building.

To qualify for the test, a prospective applicant should bring a complete Peace Corps Volunteer Questionnaire to the test site if he has not previously submitted one. Questionnaires are available from Dr. H. J. Herring or the Bureau of Testing and Guidance, and students wishing to take the test or to secure further information should contact him at extension 3737 or Mrs. Lewis at extension 3342.

STUDENT UNION PHOTOGRAPHY CONTEST EXHIBIT

Deadline for entries for the Student Union Photography Exhibit has been scheduled for 5:00 p.m. on Monday, February 18th. The entries will be ready for viewing in the Alumni Lounge on February 22nd and will hang until February 28th.

ADVANCE NOTICE STUDENT UNION YOUNG ARTISTS SERIES REINE FLACHOT, CELLIST

Reine Flachot, brilliant young French cellist, who won the Prix Piatigorsky at the age of fifteen, will appear in an afternoon concert on Sunday, February 24th, at 3:00 p.m. in the Music Room of the East Duke Building.

Presented free of charge by the Student Union Young Artist Series the concert is part of the first international exchange program of gifted young artists instituted by Carnegie Hall in association with the International Federation of Jeunesses Musicales.

Prior to her concert tour of American colleges and universities Mme. Flachot will appear as soloist with the American Symphony Orchestra at Carnegie Hall.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Stewart D. Work for the Ph.D. degree in Chemistry was held on Wednesday, February 13th, at 2:00 p.m. in Room 303 of the Chemistry Department. The subject of Mr. Work's dissertation is "Acylation and Other Condensations of Dianions of Beta-Diketones, Imides and Amides. Acetylation of 1, 3, 5-Triketones by Boron Fluoride." The committee conducting the examination consisted of Professors C. R. Hauser, C. K. Bradsher, Pelham Wilder, Jr., Peter Smith, and Charles Tanford. Professor Hauser presided.

DUKE UNIVERSITY EUROPEAN GROUP TRAVEL PLAN

There will be opportunities again this summer for members of the Duke University Community to avail themselves of a group discount fare (plane) to Europe.

Full details may be obtained in 202-A Flowers Building or by calling Extension 2911.

ART LOAN COLLECTION

The Department of Art announces a limited number of pictures available for rental in two collections; they may be secured in Room 103 Asbury Building on Mondays through Fridays from 9:00 a.m.-5:00 p.m.

STUDENT LOAN PICTURES—Free of charge; open to all students of Duke University.

ART LOAN COLLECTION—Rental Fee is \$3.00 per semester; to be paid in advance.

WEEK OF

Feb. 24-Mar. 2, 1963

WEEK OF

Feb. 24-Mar. 2, 1963

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, Feb. 24

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship, University Chapel. Preacher: The Reverend Dr. Martin Niemoller, President, World Council of Churches, 3 Brentanostr, Wiesbaden, Germany. Broadcast over Radio Station WDNC and WDNC-FM.

3:00 p.m. S. U. Young Artists Series: Reine Flachot, cellist. Music Room, East Duke Building. Reception follows concert.

Monday, Feb. 25

4:00 p.m. Physics Seminar. Room 114 Physics Building. Speaker: Dr. Egil Hylleraas.

4:15 p.m. Zoology Seminar. Auditorium of the Biological Sciences Building. Speaker: Dr. W. T. Edmondson.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:15 p.m. Special Observances Lecture. Woman's College Auditorium. Speaker: Dr. Martin Niemoller.

Tuesday, Feb. 26

10:10 a.m. Divinity School Chapel. York Chapel. Professor Harmon Smith.

11:40 a.m. College of Engineering Faculty Meeting. Speaker: Dr. Otis E. Lancaster. Lecture Room, Engineering Building.

12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

1:30 p.m. The final examination of Mr. Allan Sharp for the Ed.D. degree. Room 08A West Duke Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

6:30-7:30 p.m. Dr. John Freeman, Parapsychology Department, will speak on "Is Christianity Necessary?" Sponsored by Inter-Varsity Christian Fellowship. Music Room, East Duke Building.

7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.

8:00 p.m. Botany Seminar. Room 111 Biological Sciences Building (Auditorium). Speaker: Dr. John Cantlon.

8:15 p.m. American Association of University Professors Meeting. Room 208 Flowers Building. Speaker: Dr. Archie M. Palmer.

8:15 p.m. Student Union Major Attraction: Gerry Mulligan's JAZZ Group. Indoor Stadium or Page Auditorium (Check local advertising on day of performance).

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

Wednesday, Feb. 27

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor Harmon Smith. (Ash Wednesday)
- 4:00 p.m. Phi Beta Kappa Business Meeting. Room 205 Divinity School.
- 4:00 p.m. AIEE Meeting. Dreyfus Auditorium, Research Triangle Institute. Speaker: Dr. Kurt W. Back.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 p.m. Engineer-in-Training Review Lectures. Auditorium of Engineering Building.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "DEVI" (India), directed by Stayajit Ray is "A work of enormous power, brilliantly staged and photographed!"—*The Nation*. "A haunting experience. Poignant, fascinating to see. A penetrating and moving drama from Stayajit Ray, a man born to make movies!"—*N. Y. Times*. "Most fascinating."—*N. Y. World Telegram*.
- 7:00-9:00 p.m. Badminton Open House. Woman's College Gymnasium.
- 8:00 p.m. YW-YMCA Freshman Cabinet Discussion Series. Speaker: The Reverend Bob Hyatt. Green Room, East Duke Building.

Thursday, Feb. 28

- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. Charles Dunn.
- 12:30 p.m. Plant Ecology Seminar. Room 144 Biological Sciences Building. Speaker: Miss Elizabeth Hubbard.
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00 p.m. Academic Council Meeting. Room 208 Flowers Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. S. U. Last Lecture Series: Dr. W. D. White, School of Religion. Room 208 Flowers Building.
- ACC Tournament, Raleigh, North Carolina.

Friday, March 1

- 10:10 a.m. Divinity School Chapel. York Chapel. Holy Communion. Harmon Smith, Celebrant.
- 12:50 p.m. NROTC Address. Biological Sciences Auditorium. Speaker: Colonel John D. Billingsley, U.S.A.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.
- 8:00-12:00 midnight. International Club Folk Dancing. "The Ark"—East Campus.
- ACC Tournament, Raleigh, North Carolina.

Saturday, March 2

- 1:30 p.m. East-Hanes Bridge Tournament. Green Room, East Duke Building.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "DEVI" (India), directed by Stayajit Ray is "A work of enormous power, brilliantly staged and photographed!"—*The Nation*. "A haunting experience. Poignant, fascinating to see. A penetrating and moving drama from Stayajit Ray, a man born to make movies!"—*N. Y. Times*. "Most fascinating."—*N. Y. World Telegram*.
- 8:00 p.m. International Club Sports and Swim Party. East Campus Gymnasium.
- ACC Tournament, Raleigh, North Carolina.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Martin Niemoller, President, World Council of Churches, 3 Brentanostr, Wiesbaden, Germany, will deliver the sermon at the University Service of Worship on Sunday, February 24th, at 11:00 a.m. in the University Chapel. The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister.

Opening Organ Voluntary—Fugue and Chaconne *Buxtehude*
 Choral Adoration—"Sanctus" from Mass II *Hassler*
 Hymn—"O For A Thousand Tongues To Sing" *Carl G. Gläser*
 The Prayer of Confession
 Words of Assurance
 The Lord's Prayer
 Anthem—"Mighty Lord, Thy Faithfulness Abideth Ever" *Antonio Lotti*

Scripture—Matthew 28:11-20
 Hymn—"A Mighty Fortress Is Our God" *Martin Luther*
 Call to Prayer
 The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication
 The Offering
 Offertory Organ Interlude
 Anthem—"O Give Thanks Unto The Lord" *Henry Purcell*
 Response—The Doxology
 Prayer of Dedication

Sermon
 Prayer
 Benediction
 Choral Response—"Sevenfold Amen" *Stainer*
 The Chimes
 Closing Organ Voluntary—Fugue in G Minor *Bach*

SPECIAL OBSERVANCES LECTURE

The Reverend Dr. Martin Niemoller, famed theologian and perhaps best known as the most famous prisoner held by Adolf Hitler during World War II for his outspoken criticisms of the Nazi regime, will preach at the regular morning worship service at Duke University Chapel on Sunday, February 24th and will also lecture on Monday night, February 25th at 8:15 p.m. in the Woman's College Auditorium under the auspices of the Special Observances Committee of the University Religious Council. His topic for the evening will be: "The Church and Politics."

One of the Presidents of the World Council of Churches, and president of the Evangelical Church of Hesse-Nassau, Germany, Dr. Niemoller was educated at Muuster University and ordained into the Christian ministry in 1924.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. Allan Sharp for the Ed.D. degree in Education will be held on Tuesday, February 26th at 1:30 p.m. in Room 08A West Duke Building. The subject of Mr. Sharp's dissertation is "A Study of Protestant Undergraduate Pre-Theological Education in the United States." The committee to conduct the examination consists of Professors Allan S. Hurlburt, Charles A. Baylis, W. A. Stumpf, Robert Colver, and Olan L. Petty. Professor Hurlburt will preside.

BOTANY SEMINAR

The Botany Seminar will be held on Tuesday, February 26th at 8:00 p.m. in Room 111 Biological Sciences Building (Auditorium) West Campus. Dr. John Cantlon, Professor of Botany, Michigan State University, will speak on "The Puzzle of a Green Vascular Parasite."

Dr. Cantlon is an authority on arctic ecology and has also done considerable work on relationships between micro-environments and distribution of eastern North American forest species. At present, he is a member of the Advisory Panel for Environmental Biology, National Science Foundation.

AMERICAN ASSOCIATION OF UNIVERSITY PROFESSORS

The Duke Chapter of the American Association of University Professors will meet on Tuesday, February 26th, at 8:15 p.m. in Room 208 Flowers Building. Dr. Archie M. Palmer of the National Research Council will speak on "Patent and Copyright Policies of American Universities." Dr. Palmer's visit is sponsored also by the University Committee on Patents. Patent and copyright policies can potentially affect all members of the University; the meeting is therefore open to all who are interested.

STUDENT UNION MAJOR ATTRACTION: GERRY MULLIGAN JAZZ QUARTET

The Student Union's Major Attractions Committee will bring to the Indoor Stadium or to Page Auditorium (check local advertising the day of the performance) at 8:15 p.m. on Tuesday, February 26th, "The Gerry Mulligan Jazz Quartet." Tickets are priced at \$1.50 at the box office and \$1.25 if bought before the evening of the performance, and may be secured in the West Campus Quadrangle from 9:20 a.m.-5:00 p.m. Monday and Tuesday.

Gerry Mulligan, with many top recordings in the Jazz field, concentrates on the popular West Coast type of Progressive Jazz.

PHI BETA KAPPA MEETING

The annual spring business meeting of the Duke Chapter of Phi Beta Kappa will be held on Wednesday, February 27th, at 4:00 p.m. in Room 205 Divinity School. Undergraduate, alumnus, and honorary elections will be considered. Plans for the spring dinner and initiation will be presented. All members are urged to attend. Inquiries should be directed to the Acting Secretary, Professor J. H. Proctor, 103 Carr Building.

AIEE MEETING

The Technical Group on Research, Eastern North Carolina Sub-Section of the American Institute of Electrical Engineers will meet on Wednesday, February 27th, at 4:00 p.m. in Dreyfus Auditorium, Research Triangle Institute. The program, "Networks in Interpersonal Relationships," will be presented by Dr. Kurt W. Back, Associate Professor of Medical Sociology, Department of Psychiatry; Professor of Sociology, Department of Sociology, Duke University. Dr. Back's present titles do not reflect the fact that he received his Ph.D. in Chemical Engineering from Massachusetts Institute of Technology. He has specialized in communication and Small Group Psychology and his interdisciplinary background should make this an interesting presentation.

All interested persons are invited to attend.

FRESHMAN CABINET DISCUSSION SERIES

On Wednesday, February 27th, at 8:00 p.m. in the Green Room of East Duke Building, the Freshman Cabinets of the YM-YMCA will present the first in a series of three discussions on contemporary student life. "Religion and 20th Century Youth" is the subject of the first discussion, to be led by Reverend Bob Hyatt, Associate Director of Religious Life on West Campus.

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Wednesday, 6:00 P.M., Center, Discussion and Devotional Service followed by meeting of Executive Council. **Thursday** Noon, Faculty-graduate luncheon series will continue with discussion of the "Ralph Elliot Controversy"; 7:30 P.M., Meeting with all interested persons—a program explaining local Baptist Student Union program and needs. **Friday**, 6:00 P.M., Regular supper-seminars led by Dr. Charles Robinson and Reverend Warren Carr.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., East Duke Chapel.

EPISCOPAL UNIVERSITY CENTER: Sunday, 9:30 A.M., Holy Communion (Chapel of St. Michael); 7:30 P.M., Mardi Gras: An evening of jazz and folk music. **Monday**, 7:00 P.M., Seminar on "The Church In A Post-Christendom World." **Wednesday** (Ash Wednesday), 7:10 A.M. and 5:30 P.M., Penitential Office and Holy Communion. **Thursday**, 5:15 P.M., Inquirers' Class. **Friday**, 7:10 A.M., Holy Communion; 3:00 P.M., Seminar on "Orthodoxy."

METHODIST STUDENT FELLOWSHIP: Sunday, 8:30 A.M., Center, Breakfast and Discussion with Dr. Martin Niemoller; 6:00 P.M., Worship. **Tuesday**, 8:30 P.M., Film Forum; 9:30 P.M., Wesley Players Drama Workshop. **Wednesday**, 6:00 P.M., Ash Wednesday Service; 7:00 P.M., Third session of the seminar on "Interpersonal Relations" with Dr. Harold McCurdy, Professor of Psychology at U. N. C., as leader. Those who have not formally registered for the Seminar are invited to attend as non-participants.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 5:30 P.M., Westminster House, Vespers—Supper—Program. Speaker: Reverend Hank Elkins, Protestant Chaplain, North Carolina College.

PRESBYTERIAN: Sunday, 6:00 p.m., "First Church Forum" at First Presbyterian Church, 305 E. Main, Supper Meeting: Dr. William C. Bennett, "Christians' Concept of Time."

UNITARIAN STUDENTS MEETING: Sunday, 7:30 P.M., 201 Flowers Building. Rides from East Campus Circle at 7:15 P.M.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Grace Lutheran Church, Buchanan and Green Streets, Meet and Eat. **Ash Wednesday**, 7:15 A.M. and 5:10 P.M., East Duke Chapel, Holy Communion.

STUDENT UNION YOUNG ARTIST SERIES REINE FLACHOT, CELLIST

Reine Flachot, brilliant young French cellist, who won the Prix Piatigorsky at the age of fifteen, will appear in an afternoon concert on Sunday, February 24th, at 3:00 p.m. in the Music Room of the East Duke Building.

Presented free of charge by the Student Union Young Artist Series the concert is part of the first international exchange program of gifted young artists instituted by Carnegie Hall in association with the International Federation of Jeunesses Musicales. Prior to her concert tour of American colleges and universities Mme. Flachot will appear as soloist with the American Symphony Orchestra at Carnegie Hall.

The program is as follows:

Toccata in D Major	<i>Frescobaldi-Cassado</i>
Suite No. 3 in C Major (Unaccompanied)	<i>Johann Sebastian Bach</i>
Prelude	Sarabande
Allemande	Bouree I and II
Courante	Gigue
Sonata, Op. 118, for 'Cello and Piano	<i>Serge Prokofieff</i>
Andante grave	Moderato
Allegro me non troppo	
Intermission	
Après un Rêve	<i>Gabriel Fauré</i>
Berceuse	
From the "Suite Italienne"	<i>Igor Stravinsky</i>
Introduction Tarantelle	
Chant Elégiaque, Op. 24	<i>Florent Schmitt</i>
Suite Espagnole	<i>Joaquin Nin</i>
Vieille Castille	Murcienne
Variations on a Theme of Rossini	<i>Bohuslav Martinu</i>

PHYSICS SEMINAR

Dr. Egil Hylleraas will speak at the Physics Seminar on Monday, February 25th, at 4:00 p.m. in Room 114 of the Physics Building. Dr. Hylleraas is Professor of Physics at the University of Oslo, Oslo, Norway. His subject will be "Stability of the Doubly Excited $(2p)^2\ ^3P$ state of H^- ." Coffee and tea will be served at 3:30 p.m. preceding the seminar.

All interested persons are cordially invited to attend.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, February 25th, in the Auditorium of the Biological Sciences Building at 4:15 p.m. Dr. W. T. Edmondson from the Department of Zoology, University of Washington, Seattle, Washington, will speak on "Reproductive Rate of Rotifers in Relation to food and Temperature in Natural Populations." Coffee and tea will be served in the foyer at 4:00 p.m.

COLLEGE OF ENGINEERING FACULTY MEETING

The College of Engineering Faculty will meet on Tuesday, February 26th at 11:40 a.m. in the Lecture Room of the Engineering Building. The speaker will be Dr. Otis E. Lancaster, George Westinghouse Professor of Engineering Education at the Pennsylvania State University.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, February 28th, at 12:30 p.m. in Room 144 Biological Sciences Building. The speaker will be Miss Elizabeth Hubbard, who received a master's degree from the University of Illinois in 1962 and is now continuing her graduate work at Duke. She will discuss the subject of her master's thesis, "Reflectance values of tree leaves as compared to certain environmental factors."

ACADEMIC COUNCIL MEETING

The regular meeting of the Academic Council will be held on Thursday, February 28th at 4:00 p.m. in Room 208 Flowers Building. A panel will discuss student housing on the West Campus.

S. U. LAST LECTURE RESCHEDULED W. D. WHITE

The Educational Affairs Committee will present Dr. W. D. White, Assistant Professor of Religion, in the Student Union Last Lecture Series at 8:15 p.m. on the rescheduled date of Thursday, February 28th in Room 208 Flowers Building. The public is cordially invited to attend.

Dr. White holds the Ph.D. degree in English from the University of Texas and has work in progress at Princeton University for the Ph.D. degree in Religion. He has recently been appointed director of undergraduate studies in Religion, the appointment to begin in the fall of 1963. A Fulbright scholar, Dr. White has studied extensively in Europe and will speak to an open meeting on his particular field of interest, the religious values in modern and classical literature.

NROTC ADDRESS

Colonel John D. Billingsley, U.S.A., Professor and Head, Department of Ordinance, U. S. Military Academy, West Point, New York, will address the midshipmen of the NROTC Unit at 12:50 p.m. on Friday, March 1st, in the Biological Sciences Auditorium. The subject of Colonel Billingsley's address will be "Ordinance Engineering—An Interdisciplinary Field." All interested faculty and staff members and students are invited.

INTERNATIONAL CLUB SPORTS AND SWIM PARTY

One of the forthcoming events, sponsored by the International Club, will be the Sports and Swim Party held in the East Campus Gymnasium on Saturday, March 2nd, at 8:00 p.m. Indoor games will occupy the first part of the evening and the pool will be open from 9:00-10:30 p.m. Admission is open to the members of the University Community at no charge.

S. U. CHILD CARE SERVICE

The Special Service Committee of the Student Union wishes to remind the faculty and staff of the Child Care service supplied by various members of the East Campus undergraduates. This service is also offered to the graduate students. The service may be secured by calling the dormitory representative in the following manner:

NAME	DIVISION	DORMS	DORM REPS	PHONES
1. Acomb-Bressler		Addoms	Ann Gilliland	3823
2. Brinkley-Crane		Alspaugh	Karen Esslinger	3414
3. Creadick-Fowler		Ayeock	Joan Gilmore	3221
4. Frenzel-Hendrix		Basset	Dee Robb	3321
5. Heninger-Kramer		Brown	Pat Hughes	3521
6. Kraybell-Mueller		Gilbert	Lydia Fisher	3823
7. Murphy-Price		Giles	Lynda Whitley	2231
8. Price-Simpson		Jarvis	Orrie Evans	3931
9. Simpson-Ward		Pegram	Betsy Randall	2031
10. Warner-Zener				

DUKE UNIVERSITY NURSERY SCHOOL APPLICATIONS

The Duke University Nursery School is now accepting applications for next year's enrollment. At present there are two openings in the school. One opening in the three year old group and one opening in the four year old group. For further information please call Marie Hinman, University extension 3673, 109 Bivins Building, East Campus.

CALENDAR CHANGES

- 8:15 p.m. Music Faculty Series: James Henry, Clarinetist.
Music Room, East Duke Building.
From Tuesday, February 25th
To Tuesday, March 12th
- 8:15 p.m. S. U. Last Lecture Series: Dr. W. D. White.
Room 208 Flowers Building.
From Thursday, February 14th
To Thursday, February 28th
- 8:15 p.m. Men's Glee Club annual Spring Concert. Page Auditorium.
From Friday, March 1st
To Monday, March 18th

ART EXHIBITION "WOMEN IN CONTEMPORARY ART"

There is now ready for viewing in the Woman's College Gallery on East Campus an outstanding exhibition, "Women in Contemporary Art." Organized by the Department of Art and the Student Union under the direction of Gaillard Ravenel II '63 the exhibit is being shown to complement the symposium, "Cross Currents in Contemporary Life—A Commentary by Woman."

Assembled from leading museums and private collections, the exhibit is designed to show the major contributions by women to such contemporary schools in painting and sculpture as Surrealism, Abstract Expressionism or "Action Painting," Constructivism, and the New School of Paris.

The exhibit is open to the public without charge and may be seen during regular library hours. Hand-some brochures with an introduction by Leslie Judd Ahlander, Art Critic of the Washington Post are available in the gallery at a small fee.

**THEATRE GUILD PRESENTS
"ALL MY SONS"**

The Theatre Guild of Allied Arts is presenting Arthur Miller's powerful drama, *All My Sons*. The play will run evenings at 8:30 p.m. on Thursday, February 28th, Friday, March 1st, and Saturday, March 2nd, with an additional twilight matinee on Saturday, March 2nd at 4:00 p.m. Tickets are priced at \$1.50 (\$.75 for students) and reservations may be phoned in to Allied Arts.

Kenn Perry of the French faculty will be seen as Joe Keller, and Ken Gergen of Psychology will be seen as his son, Chris. Also in the cast are Elizabeth Axelrod as Kate; Peggy Jones as Ann; and Ross Kirby as George.

**ADVANCE NOTICE
ORGAN RECITAL**

Duke University Chapel announces an organ recital by Mildred L. Hendrix, University Organist, on next Sunday, March 3rd, at 4:00 p.m. in the University Chapel. The public is cordially invited to attend.

The program will include:

Gagliarda	<i>Vincenzo Galilei</i> (1520-1591)
Siciliana	Anonymous
Prelude, Fugue and Chaconne in C major	Arranged by Mildred L. Hendrix <i>Dietrich Buxtehude</i> (1637-1707)
Chorale-Prelude "Herzlich Thut Mich Verlangen"	<i>Johannes Brahms</i> (1833-1897)
Passacaglia and Fugue in C minor	<i>Johann Sebastian Bach</i> (1685-1750)
La Nativite	<i>Jean L'anglais</i> (1907-)
Litanies	<i>Jehan Alain</i> (1911-1940)

**ADVANCE NOTICE
ERASMUS CLUB MEETING**

The Erasmus Club will meet on Monday, March 4th at 8:00 p.m. in the Green Room, East Duke Building. Assistant Professor Reynolds Price of the Department of English will be the speaker. His subject will be "The Meaning and Making of a Story." All faculty and graduate students are invited to attend.

**THE ANNE FLEXNER MEMORIAL AWARD
FOR CREATIVE WRITING**

The Anne Flexner Memorial Award is offered annually by the Department of English for the best piece of creative writing submitted by an undergraduate student at Duke University. This year increased income permits the awarding of a first prize of \$100 and the second prize of \$50.

CONDITIONS

1. The prize is open to all undergraduates, both men and women.
2. Only short stories (5000-word limit), one-act plays (5000-word limit), poems (100-line limit), and informal essays (3000-word limit) are eligible.
3. Only one manuscript may be submitted by any contestant.
4. All manuscripts must be typed double spaced and must be delivered to the English Office (325 Allen Building) by APRIL 22nd. The author's name and address must appear nowhere except on a separate sheet placed before the manuscript.
5. At the judges' discretion, the prize may be split equally between a winning prose and a winning poetry entry.

**DUKE UNIVERSITY
EUROPEAN GROUP TRAVEL PLAN**

There will be opportunities again this summer for members of the Duke University Community to avail themselves of a group discount fare (plane) to Europe.

Full details may be obtained in 202-A Flowers Building or by calling Extension 2911.

ART LOAN COLLECTION

The Department of Art announces a limited number of pictures available for rental in two collections; they may be secured in Room 103 Asbury Building on Mondays through Fridays from 9:00 a.m.-5:00 p.m.

STUDENT LOAN PICTURES—Free of charge; open to all students of Duke University.

ART LOAN COLLECTION—Rental Fee is \$3.00 per semester; to be paid in advance.

WEEK OF
March 3-9, 1963

CALENDAR

WEEK OF
March 3-9, 1963

OF DUKE UNIVERSITY



Events of the Week

Sunday, March 3

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship, University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel. Sermon: "Another Lost Boy." Broadcast over Radio Station WDNC and WDNC-FM.

Preacher next Sunday, March 10th: The Reverend Dr. W. Waldo Beach, Professor of Christian Ethics in the Divinity School.

4:00 p.m. Organ Recital: Mildred L. Hendrix, University Organist. Chapel.

Monday, March 4

8:10 a.m., 12:50 p.m., and 2:00 p.m. English II Lecture. West Campus, Room 111 Biological Sciences Building. Dr. Kenneth Reardon: **Desire Under the Elms**. Visitors invited.

4:15 p.m. Zoology Seminar. Auditorium of the Biological Sciences Building. Speaker: Dr. George Bartholomew.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:00 p.m. Erasmus Club. Green Room, East Duke Building.

Tuesday, March 5

8:10 a.m. and 11:40 a.m. English II Lecture. West Campus, Room 111 Biological Sciences Building. Dr. Kenneth Reardon: **Desire Under the Elms**. Open to visitors.

10:10 a.m. Divinity School Chapel. York Chapel. The Reverend Stanley Moore.

12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:00 p.m. Mathematics Seminar. Room 114 Physics Building. Speaker: Mr. Joseph Kitchen.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:00 p.m. The Duke University Council on Gerontology. Room 208 Flowers Building. Speaker: Dr. William A. Jeffers.

7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.

8:00 p.m. Mission Symposium Lecture Series. York Chapel. Speaker: Dr. Eugene L. Smith.

8:15 p.m. "Five Evenings with Iain Hamilton" Part IV: Contemporary Music—Edgar Fischer, cello; Paul Jacobs, piano. Music Room, East Duke Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

Wednesday, March 6

- 10:10 a.m. Divinity School Chapel. York Chapel. The Reverend Max Lowdermilk.
- 11:00 a.m. Mission Symposium Lecture Series. York Chapel. Speaker: Dr. Eugene L. Smith, Executive Secretary, Division of World Missions, The Methodist Church.
- 4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building (Auditorium). Speaker: Dr. Anton Lang.
- 4:30 p.m. Joint Duke-U.N.C. Physics Colloquium. Room 114, Physics Building, Duke University campus. Speaker: Professor Mael A. Melvin.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Murray Levine.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 p.m. Engineer-In-Training Examination Review Lectures. Auditorium of the College of Engineering.
- 7:00 and 9:05 p.m. Quadrangle Pictures. Page Auditorium. "CYRANO DE BERGERAC" with Jose Ferrer and Mala Powers. "Jose Ferrer is brilliant and eloquent. A distinguished piece of entertainment"—Crowther, N. Y. Times.
- 7:00-9:00 p.m. Badminton Open House. Woman's College Gymnasium.
- 8:00 p.m. University Faculty Club. University House, 2138 Myrtle Drive. Speaker: Dr. Frank Bowles.
- 8:00 p.m. Mission Symposium Lecture Series. York Chapel. Speaker: Dr. Eugene L. Smith.

Thursday, March 7

- 9:10 a.m. Mission Symposium Lecture Series. York Chapel. Speaker: Dr. Eugene L. Smith.
- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. David Hilton.
- 12:30 p.m. Phi Beta Kappa Fraternal Luncheon. Upstairs Woman's College Union.
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00 p.m. Parapsychology Special Lecture. Music Room, East Duke Building. Speaker: Professor Hornell Hart.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Nereidian Club Show. Woman's College Gymnasium Pool.

Friday, March 8

- 10:10 a.m. Divinity School Chapel. York Chapel. Dean Robert E. Cushman and The Reverend Max Lowdermilk, honoring Duke Alumni in missionary service.
- 1:30 p.m. Duke Concert Band Concert for American Bandmasters Association. Woman's College Auditorium.
- 3:00 p.m. Political Science Graduate Seminar. Room 208 Flowers Building. Speaker: The honorable Zenon Rossides.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.
- 8:30 p.m. Duke Players Performance: "DESIRE UNDER THE ELMS." Page Auditorium.

Saturday, March 9

- 9:30 a.m.-12:15 p.m. Duke Players will be host to the North Carolina Speech Association.
- 1:30 p.m. West Campus Bridge Tournament. Green Room, East Duke Building.
- 2:00 p.m. Duke Players: "DESIRE UNDER THE ELMS." Page Auditorium.
- NOTE: Quadrangle pictures will be closed tonight because of the Duke Players performance, "DESIRE UNDER THE ELMS."
- 8:00 p.m. NROTC and AFROTC Military Ball.
- 8:15 p.m. Nereidian Club Show. Woman's College Gymnasium Pool.
- 8:30 p.m. Duke Players: "DESIRE UNDER THE ELMS." Page Auditorium.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, March 4th in the auditorium of the Biological Sciences Building at 4:15 p.m. Dr. George Bartholomew from the University of California at Los Angeles will speak on "Thermal Physiology of the Bearded Dragon." Coffee and tea will be served in the foyer at 4:00 p.m.

ERASMUS CLUB MEETING

The Erasmus Club will meet on Monday, March 4th at 8:00 p.m. in the Green Room, East Duke Building. Assistant Professor Reynolds Price of the Department of English will be the speaker. His subject will be "The Meaning and Making of a Story." All faculty and graduate students are invited to attend.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor James T. Cleland, Dean of the Chapel, will deliver the sermon at the University Service of Worship on Sunday, March 3rd, at 11:00 a.m. in the University Chapel. His subject will be "Another Lost Boy." The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister.

Opening Organ Voluntary—Partita, "Jesu meine Freude" *Walther*

Choral Adoration—"Sanctus" from *Mass II* *Hassler*

Hymn—"Praise to the Lord, the Almighty" *P. P. Melica*

The Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Mighty Spirit, All Transcending" *Mozart*

Scripture—Luke 15:1-3, 25-32

Hymn—"God Is Love" *Psalmody Sacra, Gotha, 1715*

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Have Ye Not Known? Ye Shall Have a Song" *Thompson*

Response—The Doxology

Prayer of Dedication

Sermon—"Another Lost Boy"

Prayer

Benediction

Choral Response—"Sevenfold Amen" *Stainer*

The Chimes

Closing Organ Voluntary—"Allegro" from *Concerto III* *Bach*

DENOMINATIONAL ANNOUNCEMENTS

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., L. S. A. meeting, Green Room, East Duke Building. Wednesday, 7:15 A.M., Holy Communion, East Duke Chapel.

METHODIST STUDENT FELLOWSHIP: Sunday, 9:30 A.M., Seminar at the Methodist Center: "Renewal in the Church." 6:00 P.M., Holy Communion, followed by Forum. Speaker at the Forum will be Mr. Stanley Moore, with the Methodist Board of Missions. His topic will be "Short Term Missions and the Peace Corps—A Comparison." Mr. Moore will be at the Methodist Center on Monday to talk with students who want to learn more about mission opportunities. Interested persons should call the Methodist Center (286-9230) for an appointment. Tuesday, 8:30 P.M., Wesley Players workshop. 9:30 P.M., Film Forum. Wednesday, 6:00 P.M., Lenten Evening Prayer. 9:00 P.M., Bonhoeffer Seminar.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 5:30 P.M., Vespers, at Westminster House; also supper. The speaker will be the Reverend Allen R. Gilmore, Chaplain Intern, whose topic will be "The Quest for Personal Identity."

ORGAN RECITAL

Duke University Chapel announces an organ recital by Mildred L. Hendrix, University Organist, on next Sunday, March 3rd, at 4:00 p.m. in the University Chapel. The public is cordially invited to attend.

The program will include:

Gagliarda	<i>Vincenzo Galilei</i> (1520-1591)
Sielliana	Anonymous Arranged by Mildred L. Hendrix
Prelude, Fugue and Chaconne in C major	<i>Dietrich Buxtehude</i> (1637-1707)
Chorale-Prelude "Herzlich Thut Mich Verlangen"	<i>Johannes Brahms</i> (1833-1897)
Passacaglia and Fugue in C minor	<i>Johann Sebastian Bach</i> (1685-1750)
La Nativite	<i>Jean L'anglais</i> (1907-)
Litanies	<i>Jehan Alain</i> (1911-1940)

DUKE UNIVERSITY COUNCIL ON GERONTOLOGY

The Duke University Council on Gerontology will be held on Tuesday, March 5th, at 5:00 p.m. in Room 208 Flowers Building. William A. Jeffers, M.D., Associate Professor of Medicine, University of Pennsylvania Scientific and Director, Life Insurance Medical Research Fund, will speak on "The Physician's Care of the Elderly." The public is cordially invited to attend this seminar.

MISSION SYMPOSIUM

The annual Symposium on Christian Mission will bring to the Divinity School this week the Executive Secretary of the Division of World Missions of the Methodist Board of Missions, Dr. Eugene L. Smith, for a series of lectures on "God's Mission—and Yours." The four lectures are scheduled in York Chapel for the following days and hours:

Tuesday, March 5th, 8:00 p.m.

I. "Preaching While the Earth Quakes"

Wednesday, March 6th, 11:00 a.m.

II. "The Church Under the Cross"

Wednesday, March 6th, 8:00 p.m.

III. "New Horizons in the Christian Mission"

Thursday, March 7th, 9:10 a.m.

IV. "The Suffering and Saving Servant"

Other members of the visiting team will include the Reverend Max Lowdermilk (A.B. 1952, B.D. 1955), recently returned from Pakistan, and Mr. Stanley Moore, a former missionary to Chile, who will represent the Office of Missionary Personnel of the Methodist Board. Anyone interested in appointments with any of these men, especially concerning the three-year "Christian Peace Corps" program being recruited by Mr. Moore, should see Professor Lacy in the Divinity School.

MATHEMATICS SEMINAR

The Mathematics Seminar will be held on Tuesday, March 5th, at 4:00 p.m. in Room 114 Physics Building. Mr. Joseph Kitchen will speak on "Almost Periodic Functionals in the Conjugate Space of a Banach Algebra."

Coffee will be served at 3:30 in Room 124 preceding the meeting.

FIVE EVENINGS WITH IAIN HAMILTON PART IV: CONTEMPORARY MUSIC

The Department of Music is pleased to present the fourth in a series of "Evenings with Iain Hamilton" on Tuesday, March 5th at 8:15 p.m. in the Music Room, East Duke Building. On this occasion a program of contemporary music for cello and piano will be performed by Edgar Fischer, cellist, and Paul Jacobs, pianist. Mr. Fischer is from the Juilliard School of Music where he is a scholarship student of Leonard Rose. Mr. Jacobs is the official pianist of the New York Philharmonic. Mr. Hamilton, Mary Duke Biddle Professor of Music, will comment on the works to be performed. The University Community and the general public are cordially invited to attend. The program will be as follows:

Fünf Klavierstücke, Opus 23
Music for Cello
Sonata for Cello and Piano

Arnold Schonberg
Hans Werner Henze
Iain Hamilton

Intermission

Variationen, Opus 27
Klavierstücke V, XI
Sonate pour violoncelle et piano

Anton Webern
Karlheinz Stockhausen
Claude Debussy

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, March 6th at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium). Dr. Anton Lang, Professor of Biology, California Institute of Technology, will speak on "Problems of Environmental Control of Plant Growth."

Professor Lang, born in Russia, received the degree of Doctor of Natural Sciences from Berlin in 1939. From 1939 to 1948 he was at the Max Planck Institute of Biology, after which he went to McGill University. He has held appointments at Texas A & M and at UCLA. Since 1959, he has been Director of the Earhart Laboratory at Cal. Tech. Although trained in Genetics, Professor Lang has worked on physiology of flowering and on the growth of plants in controlled environments. Refreshments will be served at 4:00 p.m.

JOINT DUKE-UNC PHYSICS COLLOQUIUM

There will be a joint Duke-UNC Physics Colloquium on Wednesday, March 6th, at 4:30 p.m. in Room 114, Physics Building, Duke University. Professor Mael A. Melvin, Florida State University (Tallahassee), will speak on "Lorentz-deSitter Symmetry and Elementary Particles."

Tea and coffee will be served in Room 114 at 4:15 p.m.

PSYCHOLOGY COLLOQUIUM

There will be a Psychology Colloquium on Wednesday, March 6th, at 4:30 p.m. in Room 209 Bivins Building. Dr. Murray Levine of the Devereux Foundation will speak on "An Index of Repressive Style." Coffee will be served at 4:00 p.m.

FACULTY CLUB MEETING

The University Faculty Club Meeting will be held on Wednesday, March 6th, at 8:00 p.m. in the University House, 2138 Myrtle Drive. Dr. Frank Bowles, President of the College Entrance Examination Board, will speak on "Observations on a Study of International Education." Dr. Bowles returned last August to this country following the completion of a two year study of higher education throughout the world. This study was financed through a grant of \$250,000 from the Carnegie Corporation and was sponsored through UNESCO. The book covering this study will be published by UNESCO in the near future.

PARAPSYCHOLOGY SPECIAL LECTURE

The Parapsychology Laboratory announces a special lecture to be held on Thursday, March 7th, at 4:00 p.m. in the Music Room, East Duke Building. Professor Hornell Hart, Chairman, Sociology Department, Florida Southern College, Professor Emeritus of Sociology, Duke University, will speak on the topic "To Explain Parapsychical Phenomena Requires a Revolution in Philosophy."

NEREIDIAN CLUB SHOW

The Nereidian Club will present its annual water show "Around the World" on Thursday, March 7th, and Saturday, March 9th at 8:15 p.m. in the Woman's College Gymnasium Pool. Free tickets may be obtained in the Woman's College Gymnasium Office. Tickets are necessitated because of the limited seating.

INTERNATIONAL COFFEE HOUR

All foreign students and personnel of the University are invited as special guests to the informal International Coffee Hours held every Thursday and Friday from 9:00 a.m. to 12:00 noon in the Foreign Student Office, Room 207-A Flowers Building. An invitation is also extended to all members of the staff, faculty and student body in order that they may have the opportunity to meet some of the 250 representatives of 40 nations who comprise the international segment of the University.

DUKE CONCERT BAND CONCERT FOR THE AMERICAN BANDMASTERS ASSOCIATION

On Friday afternoon, March 8th, at 1:30 p.m. in the Woman's College Auditorium, the Duke University Concert Band will play a special concert for the visiting members of the American Bandmasters Association as part of its annual convention being held this year in Greensboro. Each composition will be conducted by a member of the American Bandmasters Association. Guest Conductors are the following:

Donald McGinnis, Ohio State University
Myron Russell, Iowa State College of Iowa
Raymond Dvorak, University of Wisconsin
Arthur Brandenburg, Elizabeth New Jersey City Schools
William Rhoads, University of New Mexico
Bernard Fitzgerald, University of Kentucky
Earl Irons, Past President of the American Bandmasters Association in addition to James Henry and Paul Bryan of Duke University.

The public is cordially invited to attend the concert without charge.

The program is as follows:

March "The Klaxon"	Henry Fillmore
Conductor: James Henry (Assistant Conductor, Duke University Concert Band)	
Overture "Cumberland Gap"	Joseph Willcox Jenkins
Arthur Brandenburg	
Chorale Prelude: "So Pure the Star"	Vincent Persichetti
Paul Bryan	
Commissioned by Duke University. First performance given on December 11, 1962 with composer conducting	
Symphony for Band, Second movement	Donald McGinnis
Donald McGinnis	
Variations on a Mediaeval Tune	Norman Dello Joio
Norman Dello Joio	
(Pre-Premier Performance)	
Commissioned for the Duke University Band by the Mary Duke Biddle Foundation. Official Premier to be given April 10, 1963	
Silver Anniversary, Suite for Band	William Latham
Third Movement, Waltz	
Myron Russell	
Milord, Paraphrase on a song of Monnot	Paul Breske
Raymond Dvorak	
Puerto Alegre	William E. Rhoads
Overture from the ballet "The Happy Hippocrite"	Herbert Elwell arr. Robert Nelson
Bernard Fitzgerald	
Concert March "Coat of Arms"	George Kenny
Earl Irons	

POLITICAL SCIENCE GRADUATE SEMINAR

The honorable Zenon Rossides, Ambassador of Cyprus to the United States and Permanent Representative to the United Nations, will be the guest speaker for the meeting of the Political Science Graduate Seminar on Friday, March 8th, at 3:00 p.m. in Room 208 Flowers Building. Ambassador Rossides will speak on the topic "Cyprus in the United Nations."

DUKE PLAYERS PRESENT "DESIRE UNDER THE ELMS"

Duke Players will present Eugene O'Neill's "DESIRE UNDER THE ELMS" in Page Auditorium

Friday, March 8th and Saturday, March 9th. Under the direction of Kenneth Reardon; set design and technical direction by Victor Michalak, the evening performances will be at 8:30 p.m. and the Saturday matinee will be at 2:00 p.m. All seats are reserved at \$1.25 for the evening and \$1.00 for the matinee. Seats may be reserved by calling Page box office, extension 2911, from 2:00-5:00 p.m. Monday through Thursday; on Friday from 2:00 p.m. until performance time; and on Saturday from 11:30 a.m. through the day until the evening performance.

"DESIRE UNDER THE ELMS" is generally considered O'Neill's greatest achievement in tragedy, but there is also grim humor in this theme and variation on desire: desire for possession of the land, of a farm, of a woman; and the desire for freedom from the toil of this rocky New England farm in escape to the gold fields of California.

NORTH CAROLINA SPEECH ASSOCIATION MEETING

The spring meeting of the North Carolina Speech Association will be held at Duke University on Saturday, March 9th. The schedule for the day is as follows:

9:30-10:00 a.m. Flowers Lounge. Registration: No fee but dues will be accepted at this time.

10:00 a.m. Page Auditorium. Panel Discussion: "Interpreting the Play" Mrs. Martha McAllister, Drama Director, Southern High School; Victor Michalak, Duke University, and Technical Director for the current Duke Players production, "Desire Under the Elms"; Kenneth Reardon, Duke University and Director of this production.

11:00 a.m. Page Auditorium. Panel Discussion: "Debate in the High School" Mrs. Neil Scott, Debate Director, Durham High School; Dr. Donald K. Springen, University of North Carolina, and Secretary, High School Debate Union; and Dr. Franklin Shirley, Wake Forest College, and Director of the High School Debate Institute.

12:00-1:45 p.m. Old Trinity Room. Luncheon and Business meeting. \$1.50 per person; Reservations—call K. J. Reardon at extension 3181 or 489-7478.

2:00 p.m. Page Auditorium. "DESIRE UNDER THE ELMS"—Delegates to the meeting will be guests of Duke Players for the matinee performance.

The North Carolina Speech Association is an organization for all those concerned with better speech in North Carolina. Kenneth Reardon, Associate Professor of English, Duke University, is President of the organization and Herman Middleton, Chairman of the Department of Drama and Speech at Woman's College, Greensboro, is Executive Secretary-Treasurer.

REFUNDS FOR CANCELLED PERFORMANCE

The Gerry Mulligan Jazz Concert, scheduled for Tuesday, February 26th was cancelled because of bad weather conditions and cancelled air travel. Those wishing to receive refunds may do so by coming to Room 102 Flowers Building from 2:00-4:00 p.m. on Monday, Tuesday, and Wednesday, March 4th, 5th, and 6th.

CALENDAR CHANGE CHAMBER ARTS SOCIETY

The concert of the Duo di Roma scheduled for Saturday, March 9th has been cancelled because of the cellist's illness. In its place the final chamber music concert of the season will be given by the New York String Sextet on Saturday, April 13th at 8:15 p.m. in the Music Room, East Duke Building. The program will be announced later.

ADVANCE NOTICE

Prior to the concert the Student Union's Fine Arts Committee will conduct a dance seminar in Room 208 Flowers Building at 7:00 p.m. with Mrs. Julia Wray, instructor in dance, Department of Physical Education, discussing ballet as an art form and previewing the ballets to be presented later in the evening. The public is cordially invited to attend.

OVERSEAS FACULTY FELLOWSHIPS AVAILABLE

Applications for 1963-64 Research Fellowships from the Southeast Asia Treaty Organization are now being considered for established scholars in all fields who wish from four to ten months research in SEATO member countries of Southeast Asia and the Southwest Pacific on subjects relating to SEATO interest and objectives.

CLOSING DATE APRIL 1, 1963.

Applications for U. S. Government Grants under the Fulbright-Hays act are also now being received for grants for university lecturing and advanced research during the academic year 1964-65 in Australia and New Zealand, and Latin America. The competition for 1964-65 Fulbright-Hays awards in these areas **CLOSES APRIL 15, 1963.**

For application forms and additional information write:

CONFERENCE BOARD OF ASSOCIATED RESEARCH COUNCILS

Committee on International Exchange of Persons
2101 Constitution Avenue
Washington 25, D. C.

DUKE UNIVERSITY EUROPEAN GROUP TRAVEL PLAN

There will be opportunities again this summer for members of the Duke University Community to avail themselves of a group discount fare (plane) to Europe.

Full details may be obtained in 202-A Flowers Building or by calling Extension 2911.

ARTISTS SERIES THE SAN FRANCISCO BALLET

The final concert of the 1962-63 Artists Series, The San Francisco Ballet, with choreography by Lew Christensen, will be presented on Monday, March 11th, at 8:15 p.m. in Page Auditorium. Coming directly from a sell-out season in San Francisco, the San Francisco Ballet has also received world-wide acclaim as they danced their way through three international tours. Critics from Athens to Bombay to Lima, Peru have unanimously showered the group with extravagant praise. Acclaimed as "electrifying," "disciplined," and "completely captivating," the company will present a program which includes the delightful "Caprice," an abstract ballet, as light and bubbly as champagne; and the highly praised new work "Jest of Cards" which, as one reviewer wrote, "marks a new leap forward in the company's ever advancing creative maturity." Based on playing cards, it depicts kings and queens and lesser cards as they are shuffled about by life, only to discover that death holds the trump card. Christensen has earned a title as one of the nation's great choreographers, and as director of the San Francisco Ballet, he has catapulted the group into an internationally renowned company. Sometimes startling, he is always highly inventive.

A few reserve seat tickets are available priced at \$2.00. They may be secured by coming to Room 202-A Flowers Building or by calling 681-0111 extension 2911.

ART EXHIBITION "WOMEN IN CONTEMPORARY ART"

There is now ready for viewing in the Woman's College Gallery on East Campus an outstanding exhibition, "Women in Contemporary Art." Organized by the Department of Art and the Student Union under the direction of Gaillard Ravenel II '63 the exhibit is being shown to complement the symposium, "Cross Currents in Contemporary Life—A Commentary by Woman."

Assembled from leading museums and private collections, the exhibit is designed to show the major contributions by women to such contemporary schools in painting and sculpture as Surrealism, Abstract Expressionism or "Action Painting," Constructivism, and the New School of Paris.

The exhibit is open to the public without charge and may be seen during regular library hours. Hand-some brochures with an introduction by Leslie Judd Ahlander, Art Critic of the Washington Post are available in the gallery at a small fee.

In addition to the woman's show on East Campus a new exhibition is announced for the Lounge of the West Union Building: an exhibition of the work of Kaethe Kollwitz graphics. This exhibit is also scheduled to illustrate another important dimension in the history of art that has received a significant contribution from a woman artist.

WEEK OF
March 10-16, 1963

CALENDAR

WEEK OF
March 10-16, 1963

OF DUKE UNIVERSITY



Events of the Week

Sunday, March 10

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship. University Chapel. Preacher: The Reverend Dr. Waldo Beach, Professor of Christian Ethics, The Divinity School. Sermon: "Disciplines of Denial." Broadcast over Radio Station WDNC and WDNC-FM.

Sunday, March 17th: Preacher: Dr. Mildred McAfee Horton. Sermon: "Conviction, Commitment, and Cultural Crisis."

4:00 p.m. Madrigal Singers Concert. Music Room, East Duke Building.

Monday, March 11

8:10 a.m. English II Lecture. (West) Room 111 Biological Sciences Building. Mr. John Lievsay: "Murder in the Cathedral." Visitors welcomed.

12:50 p.m. English II Lecture. (West) Room 111 Biological Sciences Building. Mr. Grover Smith: "Murder in the Cathedral." Visitors Welcomed.

2:00 p.m. English II Lecture. (East) Room 204, East Duke Building. Mr. John Lievsay: "Murder in the Cathedral." Visitors Welcomed.

2:30 p.m. The final examination of Mr. Salvatore Buccino for the Ph.D. degree in Physics. Room 218 Physics Building.

3:00 p.m. The final examination of Mr. Owen McConnell for the Ph.D. degree in Psychology. Child Guidance Clinic.

4:15 p.m. Zoology Seminar. Auditorium of Biological Sciences Building. Speaker: Dr. Edgar J. Boell.

4:30 p.m. Fallout Preparedness Committee Meeting. Board Room in Allen Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

7:00 p.m. S. U. Pre-Artist Series Seminar. Room 208 Flowers Building. Speaker: Mrs. Julia Wray.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:15 p.m. Artists Series: SAN FRANCISCO BALLET. Page Auditorium.

Tuesday, March 12

8:10 a.m. English II Lecture. (West) Room 111 Biological Sciences Building. Mr. Grover Smith: "Murder in the Cathedral." Visitors Welcome.

10:10 a.m. Divinity School Chapel. York Chapel. Professor T. Hall.

11:40 a.m. English II Lecture. (East) Room 204 East Duke Building. Mr. Grover Smith: "Murder in the Cathedral." Visitors Welcome.

12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.
- 7:30 p.m. Illuminating Engineering Society (Tar Heel Section). Engineering Building Lecture Room. Program: "Applied Lighting."
- 7:30 p.m. Sigma Xi Meeting. Biological Sciences Lecture Room. Speaker: Dr. Leonard Karel.
- 8:15 p.m. Department of Music Faculty Series: James Henry, clarinetist. Music Room, East Duke Building.

Wednesday, March 13

Duke University Symposium on "Crossecurrents in Contemporary Life—A Commentary by Women." March 13-17.

- 10:00 a.m. Campus Club Morning Coffee. University House.
- 10:10 a.m. Divinity School Chapel. York Chapel. Professor T. Hall.
- 12:45 p.m. Women of the Faculty and Staff Luncheon. Faculty Dining Room of the Woman's College Union.
- 4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building (Auditorium). Speaker: Dr. David A. Adams.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Silvan Tomkins.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00-9:00 p.m. Badminton Open House. Woman's College Gymnasium.
- 7:30 p.m. Quadrangle Pictures. Page Auditorium. "ROCCO AND HIS BROTHERS" (Italian) with Claudia Cardinale and Alain Delon ("Purple Noon"). "A kind of emotional fullness and revelation that one finds in the great tragedies of the Greeks."—Crowther, *N. Y. Times*. "Surging drama."—*N. Y. Times*. "A major work."—*Journal American*. "Remarkable."—*New Yorker*. One Showing Only.
- 8:15 p.m. Symposium: "Crossecurrents in Contemporary Life—A Commentary by Women." Speaker: Dr. Germaine Brée. Woman's College Auditorium.

Thursday, March 14

- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. J. R. Brabham.
- 12:30 p.m. Plant Ecology Seminar. Room 144 Biological Sciences Building. Speaker: Mr. Tom Mowbray.
- 12:40 p.m. Electrical Engineering Graduate Seminar. Room 201 Engineering Building. Speaker: Dr. Bob Settzo.

- 3:30 p.m. Symposium: "Crossecurrents in Contemporary Life—A Commentary by Women." Panel: Florence Brinkley, Germaine Brée, Leslie Judd Ahlander, and Edith London. Music Room, East Duke Building.
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00 p.m. Physiology Seminar. Room M-202 Davison Building, Duke University Medical Center. Speaker: Dr. F. D. Carlson.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Symposium: "Crossecurrents in Contemporary Life—A Commentary by Women." Speaker: Irene Taeuber and Margaret Mead. Woman's College Auditorium.

Friday, March 15

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor T. Hall.
- 2:00-10:00 p.m. 1963 Engineers Show. Engineering Building.
- 3:30 p.m. Symposium: "Crossecurrents in Contemporary Life—A Commentary by Women." Speakers: Margaret Ball and Sister Gilmory. Music Room, East Duke Building.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16 may also swim; those 12 and under must be accompanied by their mothers.
- 8:00-10:00 p.m. International Club Folk Dancing. "The Ark"—East Campus.
- 8:15 p.m. Symposium: "Crossecurrents in Contemporary Life—A Commentary by Women." Speakers: Eleanor Dulles and Nancy Roman. Woman's College Auditorium.

Saturday, March 16

- 9:00 a.m. The final examination of Mr. O. K. Webb for the Ph.D. degree in Religion. Library Conference Room.
- 9:45 a.m. Symposium: "Crossecurrents in Contemporary Life—A Commentary by Women." Panel: Anna Rose Hawks, Eleanor Dulles, Irene Taeuber, Sister Gilmory, and Nancy Roman.
- 11:00 a.m. Symposium Coffee Break, East Duke Parlors.
- 11:30 a.m. Symposium: "Crossecurrents in Contemporary Life—A Commentary by Women." Panel: Mary Bunting, Mildred McAfee Horton and Kathleen Kenyon.

- 1:00 p.m.** Annual Luncheon Meeting of the Duke University Alumnae Association. East Campus Union.
- 2:00-10:00 p.m.** 1963 Engineers Show. Engineering Building.
- 3:30 p.m.** Formal Opening of the Mary Duke Biddle Memorial Room. East Duke Building. Speakers: Vice President Everett Hopkins, Dean Ellen Huckabee, Dean Ann Jacobansky.
- 7:30 p.m.** Quadrangle Pictures. Page Auditorium. "ROCCO AND HIS BROTHERS" (Italian) with Claudia Cardinale and Alain Delon ("Purple Noon"). "A kind of emotional fullness and revelation that one finds in the great tragedies of the Greeks."—Crowther, *N. Y. Times*. "Surging drama."—*N. Y. Times*. "A major work."—*Journal American*. "Remarkable."—*New Yorker*. **One Showing Only.**
- 8:15 p.m.** Classical Guitar Recital: Donald McLaughlin. Music Room, East Duke Building.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Waldo Beach, Professor of Christian Ethics, The Divinity School, will deliver the sermon at the University Service of Worship on Sunday, March 10th at 11:00 a.m. in the University Chapel. His subject will be "Disciplines of Denial." The order of service follows:

The Reverend Robert P. Hyatt, Associate Director of Religious Life, Presiding Minister.

Opening Organ Voluntary—Tocatta *Muffat*
 Choral, Allegro, Adagio, Allegro
 Chorale-Prelude—"We All Believe in One God, Father"
 Choral Adoration—"Sanctus" from Mass II *Bach*
 Hymn—"Come, Thou Almighty King" *Felice de Giardini*
 The Prayer of Confession
 Words of Assurance
 The Lord's Prayer
 Anthem—"Almighty and Everlasting God" *Gibbons*
 Scripture—Mark 10:17-22
 Hymn—"Once to Every Man and Nation" *Welsh hymn melody*
 Call to Prayer
 The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication
 The Offering
 Offertory Organ Interlude
 Anthem—"Remember Not, Lord, Our Offences" *Henry Purcell*
 Response—The Doxology
 Prayer of Dedication
 Sermon—"Disciplines of Denial"
 Prayer
 Benediction
 Choral Response—"Sevenfold Amen" *Stainer*
 The Chimes
 Closing Organ Voluntary—Psalm XX *Marcello*

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: **Wednesday**, 6:00 P.M., Center, Worship. **Thursday**, 12:00, Center, Graduate-Faculty Luncheon continuing—"Ralph Elliot Controversy." **Friday**, 6:00 P.M., Center, Supper seminars. Also general business session for election of B. S. U. Executive Council for 1963-64.

CHRISTIAN SCIENCE ORGANIZATION: **Tuesday**, 6:45 P.M., East Duke Chapel.

EPISCOPAL UNIVERSITY CENTER: **Sunday**, 9:30 A.M., Center, Holy Communion; 5:30 P.M., Center, Evening Prayer; 6:00 P.M., Center, Canterbury

(Supper). **Monday**, 5:30 P.M., Center, Evening Prayer; 6:30 P.M., Seminar—"The Church in a Post-Christendom World." **Tuesday**, 5:30 P.M., Evening Prayer. **Wednesday**, 7:10 A.M. and 5:30 P.M., Holy Communion. **Thursday**, 5:15 P.M., Inquirers' Class; 5:30 P.M., Evening Prayer. **Friday**, 7:10 A.M., Holy Communion; 3:00 P.M., Seminar on "Orthodoxy"; 5:30 P.M., Evening Prayer.

LUTHERAN STUDENT ASSOCIATION: **Sunday**, 6:30 P.M., Grace Lutheran Church, Buchanan and Green Streets, Discussion of Bultmann and His Theological Impact. **Wednesday**, 7:15 A.M., Memorial Chapel of Duke Chapel, Holy Communion.

METHODIST STUDENT FELLOWSHIP: **Sunday**, 9:30 A.M., Center, Seminar—"Renewal in the Church"; 6:00 P.M., Center, Holy Communion—During the service, Miss Emily Beeton, organist, will present a program of sacred music; 7:00 P.M., Center, Forum: Dr. Herman Walker, Visiting Professor of Political Science will speak and lead a discussion on "The Future of the Common Market." **Wednesday**, 6:00 P.M., Lenten Evening Prayer.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: **Sunday**, 5:30 P.M., Westminster House, Vespers and Supper; Discussion led by Mr. Sheldon Kocys on "The Quest for Personal Identity: Vocational Choice." **Tuesday**, 8:00 P.M., Westminster House, Mr. Dennis Lovelace of the Hague, Netherlands, the Student Secretary of the World Association of World Federalists, will address all interested members of the University community of Durham and Chapel Hill. Everyone is welcome.

ARTISTS SERIES

"THE SAN FRANCISCO BALLET"

The final concert of the 1962-63 Artists Series, The San Francisco Ballet, with choreography by George Balanchine and Lew Christensen, will be presented on Monday, March 11th, at 8:15 p.m. in Page Auditorium. Coming directly from a sell-out season in San Francisco, the San Francisco Ballet has also received world-wide acclaim as they danced their way through three international tours. Critics from Athens to Bombay to Lima, Peru have unanimously showered the group with extravagant praise. Acclaimed as "electrifying," "disciplined," and "completely captivating," the company will present a program which includes "Variations de Ballet," (choreographed by George Balanchine and Lew Christensen) the delightful "Caprice," (choreographed by Lew Christensen) an abstract ballet, as light and bubbly as champagne; and the highly praised new work "Jest of Cards" (choreographed by Lew Christensen) which, as one reviewer wrote, "marks a new leap forward in the company's ever advancing creative maturity." Christensen has earned a title as one of the nation's great choreographers, and as director of the San Francisco Ballet, he has catapulted the group into an internationally renown company. Sometimes startling, he is always highly inventive.

A few reserve seat tickets are available priced at \$2.00. They may be secured by coming to Room 202-A Flowers Building or by calling 681-0111 extension 2911.

SIGMA XI MEETING

The Duke University Chapter of Sigma Xi will meet on Tuesday, March 19th at 8:00 p.m. in the Biological Sciences Lecture Room. Dr. Leonard Karel, Associate Head of the Science Resources Planning Board, National Science Foundation, will speak on "Current Work and Future Plans of the NSF Science Resources Planning Office."

DEPARTMENT OF MUSIC FACULTY SERIES

The Department of Music will present a concert in its Faculty Series on Tuesday, March 12th at 8:15 p.m. in the Music Room, East Duke Building, by James Henry, clarinetist, assisted by Ruth Friedberg, pianist. The University Community and the general public are cordially invited to attend. The program is as follows:

Five Bagatelles	<i>Gerald Finzi</i>
Prelude	
Romance	
Carol	
Forlana	
Fughetta	
Sonatina	<i>Antoni Szalowski</i>
Allegro Non Troppo	
Larghetto	
Allegro	
Solo de Concours	<i>Henri Rabaud</i>
INTERMISSION	
Sonata for Clarinet and Piano, Opus 22	<i>Iain Hamilton</i>
Andante Flessibile	
Presto	
Poco Allegretto	
Vivace	

CAMPUS CLUB COFFEE

The Campus Club will hold a "Come As a Book" morning coffee in University House on Wednesday, March 13th at 10:00 a.m. Prizes will be awarded.

NOTICE TO WOMEN OF THE FACULTY AND STAFF

On Wednesday, March 13th, women of the faculty and staff who are interested in meeting for luncheon will come together in the Faculty Dining Room of The Woman's College Union at 12:45 p.m. Luncheon tickets may be obtained in the lobby of the Union. Reservations are not necessary.

DUKE UNIVERSITY SYMPOSIUM "CROSSECURRENTS IN CONTEMPORARY LIFE—A COMMENTARY BY WOMEN"

The Duke University Symposium, "Crossecurrents in Contemporary Life—A Commentary by Women," will present a number of women eminent in several professions who will consider certain critical aspects of contemporary life. The guest speakers embody the successful realization of expectations possible for women today. The University thus honors those who have given dedicated service to the education of women and those who have enabled women to recognize and realize ever broader goals.

In March, 1939, a similar symposium, entitled "Women and Contemporary Life" was held on the Woman's College campus as a part of the Duke University Centennial Celebration. It is therefore appropriate that, one quarter century later, the administrative Committee of Duke University has authorized

this year's symposium—"Crossecurrents in Contemporary Life: A Commentary by Women." By so doing it marks, once again, the continuing contribution to higher education of the Woman's College of Duke University. The schedule follows:

THE CULTURAL CRISIS

Wednesday, March 13th, 8:15 p.m. in the Woman's College Auditorium

THE KEYNOTE ADDRESS—Germaine Brée

COMMENTARY by a panel of Symposium guests

Thursday, March 14th, 3:30 p.m. in the Music Room of the East Duke Building

THE ARTIST IN THE CRISIS, a panel discussion by Florence Brinkley, Germaine Brée, Leslie Judd Ahlander, and Edith London

THE EXPANDING AND ACCELERATING WORLD

Thursday, March 14th, 8:15 p.m. in the Woman's College Auditorium

COMMENTARIES ON POPULATION:

"Toward the Twenty-first Century"—Irene Taeuber

"Ethics of Population Limitation"—Margaret Mead

Friday, March 15th, 3:30 p.m. in the Music Room of the East Duke Building

CHALLENGES IN GOVERNMENT AND SOCIAL WELFARE:

"From Self-determination to Self-government"—

Margaret Ball

"From Assistance to Self-reliance"—Sister Gilmory

Friday, March 15th, 8:15 p.m. in the Woman's College Auditorium

POSSIBILITIES FOR THE FUTURE:

"Trends in Diplomacy"—Eleanor Dulles

"Prospects in Space"—Nancy Roman

WOMEN IN THE WORLD TODAY

Saturday, March 16th, 9:45 a.m. in the Music Room of the East Duke Building

THEIR EXPECTATIONS: a panel discussion by Anna Rose Hawkes, Eleanor Dulles, Irene Taeuber, Sister Gilmory and Nancy Roman

11:00—Coffee Break—11:30

THEIR EDUCATION: a panel discussion by Mary Bunting, Mildred McAfee Horton and Kathleen Kenyon

CONVICTION, COMMITMENT AND CULTURAL CRISIS

Sunday, March 17th, 11:00 a.m. in the Chapel of Duke University

Preacher: Mildred McAfee Horton

PARTICIPATING GUESTS

Leslie Judd Ahlander, Art Critic for the *Washington Post*

M. Margaret Ball, Ralph Emerson Professor of Political Science, Wellesley College and Dean-elect of The Woman's College of Duke University

Germaine Brée, Director of the Institute for the Humanities, University of Wisconsin

R. Florence Brinkley, Dean Emeritus of The Woman's College and Professor of English, Duke University

Mary Bunting, President of Radcliffe College

Eleanor Dulles, Economist, Diplomat and Visiting Lecturer at Duke University

Sister Gilmory of the Maryknoll Order; Sister-Doctor in Pusan, Korea; formerly Dr. Eileen Simmons of Duke University Medical Center

Nancy Hale, Author

Anna Rose Hawkes, National President of the American Association of University Women

Mildred McAfee Horton, President Emeritus of Wellesley College

Kathleen Kenyon, Principal of St. Hugh's College, Oxford and Director of the British School of Archaeology in Jerusalem

Edith London, Painter

Margaret Mead, Anthropologist, American Museum of Natural History

Nancy Roman, Chief of Astronomy and Solar Physics, National Aeronautics and Space Administration

Irene Taeuber, Senior Research Demographer of the Office of Population Research, Princeton University

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, March 13th at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium). Dr. David A. Adams of the North Carolina State Museum will speak on "Factors Influencing Vascular Plant Zonation in North Carolina Saltmarshes." Dr. Adams received the Ph.D. degree from North Carolina State College. He has a broad background of interests and his research experiences include in addition to plant ecology considerable work in mammalogy. Dr. Adams is currently Curator at the N. C. State Museum.

Refreshments will be served at 4:00 p.m.

PSYCHOLOGY COLLOQUIUM

There will be a Psychology Colloquium on Wednesday, March 13th, at 4:30 p.m. in Room 209 Bivins Building. Dr. Silvan Tomkins of Princeton University will speak on "A Theory of Motivation." Coffee will be served at 4:00 p.m.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, March 14th at 12:30 p.m. in Room 144 Biological Sciences Building. Mr. Tom Mowbray will speak on "Past and Recent Studies of Lake Superior." Mr. Mowbray, a graduate student in botany, received a B.A. degree from the University of Minnesota in 1962. During the summer of 1961 he was a research assistant in the limnological program of the University of Minnesota School of Public Health.

ELECTRICAL ENGINEERING GRADUATE SEMINAR

The Electrical Engineering Graduate Seminar will be held on Thursday, March 14th at 12:40 p.m. in Room 201 Engineering Building. Dr. Bob Settzo of the Corning Glass Company in Raleigh, North Carolina will speak on "Glass and Ceramics for Electronic Applications."

PHYSIOLOGY SEMINAR

There will be a Physiology Seminar on Thursday, March 14th at 4:00 p.m. in Room M-202 Davison Building, Duke University Medical Center. The speaker will be Dr. F. D. Carlson, Biophysics Department, The Johns Hopkins University, Baltimore, Maryland, who will speak on "Thermochemical Investigations of Muscular Contraction." Everyone is invited.

31ST ANNUAL ENGINEERS SHOW "PRELUDES TO PROGRESS"

The 31st Annual Engineers Show, "Preludes to Progress" will be held on Friday and Saturday, March 15th and 16th, from 2:00-10:00 p.m. in the College of Engineering. The educational and entertaining exhibits on display will highlight the problems encountered by practicing engineers and the way engineering students are trained to meet them. The show is open to the public without charge.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. O. K. Webb for the Ph.D. degree in Religion will be held on Saturday, March 16th at 9:00 a.m. in the Library Conference Room. The subject of Mr. Webb's dissertation is "The Political Thought of Samuel Rutherford." The committee to conduct the examination consists of Professors Waldo Beach, R. E. Cushman, H. Shelton Smith, R. C. Petry, and Edgar Brooks. Professor Beach will preside.

CLASSICAL GUITAR RECITAL

On Saturday, March 16th at 8:15 p.m. in the Music Room, East Duke Building, Mr. Donald McLaughlin will present a Classical Guitar Recital. The public is cordially invited to attend. The program follows:

Six Lute Pieces

Anonymous

Arranged by Shearer

Bach

Anonymous

Arranged by Shearer

Castelnuovo-Tedesco

Tarrega

Crespo

Sor

Sor

Prelude

El Noi De La Mare

Tonadilla

Prelude 5

Norteña

Study 5

Theme and Variations

INTERMISSION

Prelude 3

Prelude 1

Prelude 4

Prelude 5

Study 1

Study 3

Study 8

Study 11

Villa-Lobos

ADVANCE NOTICE ACADEMIC COUNCIL

The Duke University Academic Council, regularly meeting on the fourth Thursday, will meet this month on Thursday, March 21, at 4:00 p.m. in Room 208 Flowers Building, because of the Spring Recess.

SPRING MADRIGAL PROGRAM

The Duke Department of Music announces the forthcoming concert of the Duke Madrigal Singers, Eugenia Saville, Director, to be held on Sunday, March 10th at 4:00 p.m. in the Music Room of East Duke Building. Featuring soloist Michael Best, tenor, and Ronald Steed, baritone as well as small ensembles chosen from within the group.

The Madrigal Singers will present English madrigals, French chansons, Grieg's Four Psalms, op. 74, and a Mass by Monteverdi. Joining the Madrigal Singers in this program will be the Duke Recorder Group, performing 16th and 17th century music for recorders.

Mr. Best will perform a group of airs by John Dowland, accompanied by Donald McLaughlin, guitarist, while Mr. Steed will sing solo portions of the Grieg Psalms. Of further interest to the Duke audi-

ence will be the performance of Three Songs, op. 3, composed by Duke music graduate, Phillip Rhodes to texts by another Duke graduate, Millard Dunn. The Songs, "Seul," "Le Sourire," "Le Silence," will be sung by Claudia Bray, Michael Best, Mariann Sanders, and Michael Menne.

The program is free and the public is cordially invited to attend.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Salvatore Bucciolo for the Ph.D. degree in Physics will be held on Monday, March 11th at 2:30 p.m. in Room 218, Physics Building. The subject of Mr. Bucciolo's dissertation is "Elastic and Inelastic Scattering of Fast Neutrons from Medium Weight Nuclei." The committee to conduct the examination consists of Professors Harold W. Lewis, Eugene Greuling, H. W. Newson, Hertha Sponer, and F. G. Dressel. Professor Lewis will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Owen McConnell for the Ph.D. degree in Psychology will be held on Monday, March 11th at 3:00 p.m. in the Child Guidance Clinic. The subject of Mr. McConnell's dissertation is "Perceptual and Verbal Mediation in the Concept Learning of Children." The committee to conduct the examination consists of Professors Lloyd J. Borstelmann, Donald K. Adams, Katharine Banham, Carl Eisdorfer, and Alan C. Kerekhoff. Professor Borstelmann will preside.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, March 11, in the auditorium of the Biological Sciences Building at 4:15 p.m. Dr. Edgar J. Boell from the Osborn Zoological Laboratory, Yale University, will speak on "Mitochondrial Differentiation in Embryonic Tissues." Coffee and tea will be served in the foyer at 4:00 p.m.

S. U. PRE-ARTISTS SERIES SEMINAR "SAN FRANCISCO BALLET"

The Student Union Fine Arts Committee will present a Pre-Artists Series Seminar at 7:00 p.m., prior to the performance of the SAN FRANCISCO BALLET, Room 208 Flowers Building. Mrs. Julia Wray, instructor in dance, Department of Physical Education, will discuss the ballet as an art form and preview the ballets to be presented later in the evening. A film, "STEPS OF BALLET" will be shown during the dance seminar to provide background material for Mrs. Wray's lecture. The public is cordially invited to attend.

UNDERGRADUATE FACULTY COUNCIL

There will be no meeting of the Undergraduate Faculty Council in March.

ADVANCE NOTICE BENJAMIN N. DUKE LECTURE

"Jericho and the Beginnings of Civilizations," the second of this season's Benjamin N. Duke Lectures in the History of Art, will be given with illustrations by Dr. Kathleen M. Kenyon, Principal of St. Hugh's College, Oxford, on Sunday, March 17th, at 8:15 p.m. in the Music Room, East Duke Building.

Dr. Kenyon, as Director of the British School of Archaeology in Jerusalem, guided the school's spectacular discoveries in 1952-58 at Jericho, the oldest known town in the world, where the early walls antedate by nearly 6,000 years the walls of Joshua's day that "fell down flat" at the sound of the Israelites' "great shout."

The public is cordially invited to attend the Benjamin N. Duke Lectures in the History of Art, which are supported for the second year by the Mary Duke Biddle Foundation, and arranged by the Department of Art.

ADVANCE NOTICE

The French and Spanish Examination for candidates for graduate degrees will be given on Friday, April 12th, in Room 125 Engineering Building at 4:00 p.m. Candidates register in the Graduate School Office for this examination not later than Friday, March 29th.

ART EXHIBITION

"WOMEN IN CONTEMPORARY ART"

There is now ready for viewing in the Woman's College Gallery on East Campus an outstanding exhibition, "Women in Contemporary Art." Organized by the Department of Art and the Student Union under the direction of Gaillard Ravenel II the exhibit is being shown to complement the symposium, "Cross Currents in Contemporary Life—A Commentary by Woman."

Assembled from leading museums and private collections, the exhibit is designed to show the major contributions by women to such contemporary schools in painting and sculpture as Surrealism, Abstract Expressionism or "Action Painting," Constructivism, and the New School of Paris.

The exhibit is open to the public without charge and may be seen during regular library hours. Hand-some brochures with an introduction by Leslie Judd Ahlander, Art Critic of the Washington Post are available in the gallery at a small fee.

In addition to the woman's show on East Campus a new exhibition is announced for the Lounge of the West Union Building: an exhibition of the work of Kaethe Kollwitz graphics. This exhibit is also scheduled to illustrate another important dimension in the history of art that has received a significant contribution from a woman artist.

DUKE UNIVERSITY EUROPEAN GROUP TRAVEL PLAN

There will be opportunities again this summer for members of the Duke University Community to avail themselves of a group discount fare (plane) to Europe.

Full details may be obtained in 202-A Flowers Building or by calling Extension 2911.

WEEK OF
March 17-23, 1963

WEEK OF
March 17-23, 1963

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, March 17

Denominational Meeting. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship, University Chapel. Preacher: Dr. Mildred McAfee Horton, President Emeritus of Wellesley College. Sermon: "Conviction, Commitment, and Cultural Crisis." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Senior Organ Recital: Catharine Frances Little. University Chapel.

6:00 p.m. "First Church Forum." Speaker: Dr. Edgar H. Brookes. First Presbyterian Church, 305 East Main.

8:15 p.m. Benjamin N. Duke Lecture in Archeology: Miss Kathleen Kenyon, Principal St. Hughes College, Oxford, England. Director, British Archeological Institution, Jerusalem. Music Room, East Duke Building.

Monday, March 18

8:10 a.m. and 12:50 p.m. English II Lecture. West Campus, Room 111, Biological Sciences Building. Mr. Dale Randall: Robert Frost. Visitors invited.

2:00 p.m. English II Lecture. East Campus, Room 204 East Duke Building. Mr. Louis Budd: Robert Frost. Visitors invited.

4:00 p.m. Informal talk on Archaeology: Dr. Kathleen M. Kenyon, Benjamin N. Duke Lecturer in the History of Art for 1962-63. Room 204 East Duke Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:30 p.m. Faculty Volleyball. Indoor Stadium.

8:15 p.m. Men's Glee Club Spring Concert. Page Auditorium.

Tuesday, March 19

8:10 a.m. English II Lecture. West Campus, Room 111, Biological Sciences Building. Mr. Dale Randall: Robert Frost. Visitors invited.

10:10 a.m. Divinity School Chapel. York Chapel. Professor Frederiek Herzog.

10:30 a.m. Meet the Artists—Louis Mennini and Susan Starr. Room 208, Asbury Building.

11:40 a.m. English II Lecture. East Campus, Room 204, East Duke Building. Mr. Louis Budd: Robert Frost. Visitors invited.

12:00 noon Council on Gerontology. Room 3031 Duke Hospital. Speaker: Dr. Irwin Feinberg.

12:45 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

- 7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.
- 8:00 p.m. Sigma Xi Lecture. Main Lecture Room, Biological Sciences Building.
- 8:15 p.m. S. U. Young Artists Series: Susan Starr, pianist. Music Room, East Duke Building. Reception following in East Duke Parlors.

Wednesday, March 20

Angier B. Duke Scholarship Program (March 20th and 21st)

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor Frederick Herzog.
- 12:50 p.m. Address on Polaris Weapon System. Biological Sciences Auditorium. Speaker: Rear Admiral Ignatius J. Galantin, USN.
- 2:00-3:15 p.m. Meet the Artists—Louis Menzies and Susan Starr. Room 208, Asbury Building.
- 4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building (Auditorium). Speaker: Dr. T. W. Johnson, Jr.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Charles Spielberger.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00-9:00 p.m. Badminton Open House. Woman's College Gymnasium.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 p.m. Engineer-in-Training Examination Review Lecture. College of Engineering Auditorium.
- NOTE: No Quadrangle Pictures because of the Duke Symphony Orchestra Concert in Page Auditorium at 8:15 p.m.
- 8:15 p.m. Duke Symphony Orchestra Concert: Susan Starr, soloist; Allan Bone, conductor; and Louis Menzies, guest composer. Page Auditorium.
- 8:15 p.m. French Play: "Le Malade Imaginaire," Comédie de Molière. Music Room, East Duke Building.

Thursday, March 21

- 8:00 a.m.-12:00 noon Angier B. Duke Scholarship Finals Interviews. Rooms 101, 102, Alumnae Rooms, East Duke Building.
- 9:00 a.m.-12:00 noon Angier B. Duke Seminars. Room 204 Music and Green Rooms, East Duke Building.
- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. F. E. Berry.
- 11:30 a.m. Civil Engineering Seminar. Room 120 Engineering Building. Speaker: Mr. Fred Rolle.

- 12:30 p.m. Newcomers Club Luncheon and Style Show. (May bring guest). Schrafft's Country Inn, Durham-Chapel Hill Boulevard.
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00 p.m. Academic Council Meeting. Room 208 Flowers Building.
- 4:00 p.m. Physiology Seminar. Room M-202 Davison Building, Duke University Medical Center. Speaker: Dr. C. Y. Kao.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. S. U. Major Speakers Series: George McGhee, Undersecretary of State for Political Affairs. Special guests: Angier B. Duke Finalists. Page Auditorium.
- 8:15 p.m. French Play: "Le Malade Imaginaire," Comédie de Molière. Music Room, East Duke Building.

Friday, March 22

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor Frederick Herzog.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their mothers.
- 8:00-11:00 p.m. International Club Folk Dancing. "The Ark"—East Campus.
- 8:15 p.m. French Play: "Le Malade Imaginaire," Comédie de Molière. Music Room, East Duke Building.

Saturday, March 23

- 12:30 p.m. Spring Recess Begins.
- NOTE: No Quadrangle Pictures during Spring Recess (March 23rd-April 1st).

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Monday, 6:00 P.M., Center, Worship; 6:30 P.M., Council meeting. Friday, 6:15 P.M., Center, Supper-seminars.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., East Duke Chapel.

EPISCOPAL UNIVERSITY CENTER: Sunday, 9:30 A.M., (Chapel of St. Michael), Holy Communion;

5:30 P.M., Center, Evening Prayer; 6:00 P.M., Center, Supper and discussion. **Monday**, 5:30 P. M., Center, Evening Prayer; 7:00 P.M., Center, Seminar—"The Church In a Post-Christendom World." **Tuesday**, 5:30 P.M., Center, Evening Prayer and Inquirers' Class. **Thursday**, 5:30 P. M., Evening Prayer. **Friday**, 7:10 A.M., Holy Communion; 5:30 P.M., Evening Prayer. Services will be resumed on Monday, April 1.

LUTHERAN STUDENT ASSOCIATION: **Sunday**, 6:30 P.M., Grace Lutheran Church, Buchanan Blvd. at Green Street, continuation of "Bultmann in Theology." **Wednesday**, 7:15 A.M., East Duke Chapel, Holy Communion.

METHODIST STUDENT FELLOWSHIP: **Sunday**, 9:30 A.M., Center, Seminar—"Renewal in the Church"; 6:00 P.M., Center, Congregational meal and Worship (nomination for officers for next year will also be made); 7:00 P.M., Center, Forum: "On Being A Woman," a panel discussion led by Miss Barbara Benedict and Mrs. Robert P. Hyatt. **Wednesday**, Lenten Evening Prayer. **April 6-7**, Faculty-Student Spring Retreat, Dr. Thomas Langford, leader. Registrations being accepted now. Cost \$2.50. Call 286-9230.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: **Sunday**, 5:30 P.M., Westminster House, Vespers and Supper; Speaker: David Currie, Pastor of First Presbyterian Church in Durham.

UNIVERSITY SERVICE OF WORSHIP

Dr. Mildred McAfee Horton, President Emeritus of Wellesley College, will deliver the sermon at the University Service of Worship on Sunday, March 17th, at 11:00 a.m. in the University Chapel. Her subject will be "Conviction, Commitment, and Cultural Crisis." The order of Service follows:

The Reverend Professor James T. Cleland, Dean of the Chapel, Presiding Minister.

Opening Organ Voluntary—Kleine, Praludien
und Intermezzi *Schroeder*
I Maestoso
IV Allegretto
V Andantino
VI Poco Vivace

Choral Adoration—"Sanctus" from Mass II *Hassler*

Hymn—"Sing Praise to God Who Reigns Above"
From the Bohemian Brethren's Gesangbuch

The Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Grant Unto Us Thy Blessing" *Giovanni Nanino*

Scripture—Psalm 24: 1-6; Matthew 5: 43-48

Hymn—"Oh Word of God Incarnate"

*Neuermehrtes M. Gesangbuch
Arr. by Felix Mendelssohn-Bartholdy*

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession,
Petition, and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Kyrie" from *Requiem*

Gabriel Fauré

Response—The Doxology

Prayer of Dedication

Sermon—"Conviction, Commitment, and Cultural Crisis"

Prayer

Benediction

Choral response—"Sevenfold Amen"

Stainer

The Chimes

Closing Organ Voluntary—Chorale in A minor

Franck

BENJAMIN N. DUKE LECTURE

"Jericho and the Beginnings of Civilisations," the second of this season's Benjamin N. Duke Lectures in the History of Art, will be given with illustrations by Dr. Kathleen M. Kenyon, Principal of St. Hugh's College, Oxford, on Sunday, March 17th, at 8:15 p.m. in the Music Room, East Duke Building.

Dr. Kenyon, as Director of the British School of Archaeology in Jerusalem, guided the school's spectacular discoveries in 1952-58 at Jericho, the oldest known town in the world, where the early walls antedate by nearly 6,000 years the walls of Joshua's day that "fell down flat" at the sound of the Israelites' "great shout."

The public is cordially invited to attend the Benjamin N. Duke Lectures in the History of Art, which are supported for the second year by the Mary Duke Biddle Foundation, and arranged by the Department of Art.

ADVANCE NOTICE "FIRST CHURCH FORUM"

The "First Church Forum" will meet on Sunday, March 17th at 6:00 p.m. at the First Presbyterian Church, 305 East Main. The guest speaker will be Dr. Edgar H. Brookes, visiting professor of political science at Duke University. His topic will be "City of God, and City of Man in Africa."

DEPARTMENT OF ART INFORMAL TALK ON ARCHAEOLOGY

The Department of Art will sponsor Dr. Kathleen M. Kenyon, Benjamin N. Duke Lecturer in the History of Art for 1962-63, on Monday, March 18th at 4:00 p.m. in Room 204 East Duke Building. She will present an informal talk on Archaeology. The University Community is cordially invited to attend.

MEET THE ARTISTS LOUIS MENNINI AND SUSAN STARR

Dr. Louis Mennini, professor of composition at the Eastman School of Music, will meet informally with all interested students and members of the University Community at 10:30 a.m. on Tuesday, March 19th in Room 208 Asbury Building.

Both Miss Susan Starr and Dr. Mennini will meet all interested members of the University Community and all music majors for an informal discussion from 2:00-3:15 p.m. on Wednesday, March 20th in Room 208 Asbury Building.

SENIOR ORGAN RECITAL CATHARINE FRANCES LITTLE

The Department of Music will present a senior recital by Catharine Frances Little, organist, on Sunday, March 17th at 4:00 p.m. in the Chapel. Miss Little is a student of Mrs. Mildred Hendrix. The University Community and the general public are cordially invited to attend. The program will be as follows:

Chorale-Prelude	Johannes Brahms (1833-1897)
"Schmücke Dich, O Liebe Seele"	
Praeludium und Fuge in F# minor	Dietrich Buxtehude (1637-1707)
Chorale-Prelude	Johann Sebastian Bach (1685-1750)
"Wo soll ich Fliehen Hin"	
Sonata IV, Andante	Johann Sebastian Bach
Fantasia in G major	Johann Sebastian Bach
Antiphon V	Marcel Dupré (1886-)
Ave Maris Stelle III	
Ave Maris Stelle IV	
Suite Médiévale	Jean Langlais (1907-)
En forme de messe basse	
Prelude (Entrée)	
Tiento (Offertoire)	
Improvisation (Élévation)	
Acclamations (Sur le texte des Acclamations Carolingiennes)	

MEN'S GLEE CLUB SPRING CONCERT

The Duke Men's Glee Club will be giving their annual Spring Concert for 1963 on Monday, March 18th in Page Auditorium at 8:15 p.m. Tickets can be purchased in Room 210 Flowers Building or at the door the night of the performance, at \$1.00 per ticket, no reserved seats.

The program follows:

Cantate Domino	Giovanni Nanino
O all ye that pass by	Tomaso Vittoria
Christus factus est	Felice Anerio
Hallelujah, Amen	George Frederick Handel
Say, Dear, will you not have me?	Thomas Morley
Echo-Song	Orlando di Lasso
Adam and Eve	arr: Ernst Bacon
Arm, Arm Ye Brave	George Frederick Handel
	Ronald Steed—Baritone
Song of the Spirits over the Waters	Franz Schubert
Coronation Scene from "Boris Godounov"	Modest Moussorgsky

INTERMISSION

Choruses from "Ruddigore"	Arthur Sullivan
The Ruins	Zoltan Kodaly
Song of the Guerrillas	Aaron Copland
Same Train	arr: Marshall Bartholomew
Down in the Valley	arr: George Mead
Soon-ah Will be Done	arr: William L. Dawson
The Foggy, Foggy Dew	arr: Tom Scott
Ain't a That Good News	arr: William L. Dawson
Encores:	
Doctor Foster	Herbert Hughes
See that babe in the lowly manger	Noah F. Ryder

COUNCIL ON GERONTOLOGY

The Duke University Council on Gerontology will meet on Tuesday, March 19th, at 12:00 noon in Room 3031 Duke Hospital. Irwin Feinberg, M.D., Chief, Section on Psychopathology Clinical Neuropharmacology Research Center, NIMH St. Elizabeth's Hospital, Washington, D. C., will speak on "Bilateral Studies of Cerebral Blood Flow in Senile Dementia." The public is cordially invited to attend this open seminar.

S. U. YOUNG ARTIST SERIES PRESENTS SUSAN STARR, PIANIST

The Student Union Young Artists Series will present a recital by Susan Starr, pianist, on Tuesday, March 19th at 8:15 p.m. in the Music Room, East Duke Building. Internationally known young pianist and 1962 winner of the second prize in the piano division of the International Tchaikovsky Competition in Moscow, Miss Starr has just returned from a European tour and is currently on a tour of this country. There is no admission fee. Her program will be as follows:

English Suite No. 3 in G Minor	Bach
Prelude	
Allemande	
Courante	
Sarabande	
Gavotte I and II (Musette)	
Gigue	
Sonata in A Minor, Opus 143	Schubert
Allegro giusto	
Andante	
Allegro vivace	
Prelude and Toccata	Pirumov
INTERMISSION	
Ballade in A-Flat Major	Chopin
Four Preludes	Rachmaninoff
Mephisto Waltz	Liszt

ADDRESS ON POLARIS WEAPON SYSTEM

Rear Admiral Ignatius J. Galantin, USN, Director, Special Projects Office, Department of the Navy, will address the midshipmen of the NROTC Unit at 12:50 p.m., on Wednesday, March 20th in the Biological Sciences Auditorium. Admiral Galantin's subject will be the Navy's fleet ballistic missile weapon system, commonly known as POLARIS. All interested students and faculty members are invited to attend.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, March 20th at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium). Dr. T. W. Johnson, Jr., Associate Professor of Botany, will speak on "Spore Morphology in Marine Ascomycetes."

Dr. Johnson will report on research which was carried out at Friday Harbor Laboratories, San Juan Island, Washington during the summer of 1962.

Refreshments will be served at 4:00 p.m.

PSYCHOLOGY COLLOQUIUM

There will be a Psychology Colloquium on Wednesday, March 20th, at 4:30 p.m. in Room 209 Bivins Building. Dr. Charles Spielberger of Vanderbilt University will speak on "The Effects of Anxiety on Cognitive Processes and Academic Adjustment." Coffee will be served at 4:00 p.m.

ANGIER B. DUKE FINALISTS MEETING

The Sixteenth Annual Finalists Meeting for the Angier B. Duke Memorial Scholarships available to students from North and South Carolina is being held on the campus on Wednesday and Thursday, March 20th and 21st. Contestants for the Scholarships from the Virginia, Maryland, and the District of Columbia Regions, will also be in attendance for the week-end.

The contestants will take part in a program of tests and interviews to determine the Scholarship winners. In addition to the program of selection, the contestants and their Duke student sponsors will be entertained at a luncheon and two dinners given in their honor. Both evening events scheduled for Page Auditorium are open to the public. The program is as follows:

Wednesday, March 20th,

Morning Period of informal visits to classes, laboratories, and tours of the campus.

1:00 p.m. Contestants Luncheon. Private Dining Room, 2nd floor, Union Building, East Campus.

2:30-3:30 p.m. Tests. Courtroom, Law Building, West Campus.

6:00 p.m. Contestants Dinner. Union Ballroom, West Campus.

8:15 p.m. Concert: Duke Symphony Orchestra with Susan Starr, pianist. Page Auditorium.

Thursday, March 21st,

9:00 a.m. Interviews and Seminars.

2:15 p.m. Master Classes in the Graduate and Professional Schools.

6:00 p.m. Dinner in West Union Ballroom sponsored by the Educational Affairs Committee of the Student Union. Special guest: The Honorable George C. McGhee.

8:15 p.m. S.U. Major Speaker Series: The Honorable George C. McGhee. Special guests: Angier B. Duke finalists. Page Auditorium.

ANNUAL FRENCH PLAY "LE MALADE IMAGINAIRE"

The annual French play, presented under the auspices of the Department of Romance Languages, will be given on Wednesday, Thursday, and Friday, March 20th, 21st, and 22nd at 8:15 p.m. in the Music Room, East Duke Building. The play, "Le Malade Imaginaire," by Moliere will be directed by Marie-Therese Liniere Dow of the French Department and the cast is composed of students in the Department. There will be no admission charge and the public is cordially invited to attend.

CIVIL ENGINEERING SEMINAR

Mr. Fred Rolle of the Civil Engineering Department will speak at the Civil Engineering Seminar on Thursday, March 21st in Room 120 of the Engineering Building at 11:30 a.m. The subject of Mr. Rolle's address will be "Analysis of Experimental Data from Rocket Initial Velocity Launch System." All interested persons are cordially invited to attend.

DUKE SYMPHONY ORCHESTRA CONCERT

The Department of Music will present the spring concert of the Duke Symphony Orchestra, Allan Bone, Conductor, on Wednesday, March 20th at 8:15 p.m. in Page Auditorium. The occasion will mark the premier performance of "Sinfonia da Chiesa" by Louis Mennini commissioned by the Mary Duke Biddle Foundation for the Duke Symphony. Mr. Mennini is a member of the composition faculty of the Eastman School of Music. Featured on the program will be guest pianist, Susan Starr, who will perform with the Orchestra the "Concerto No. 1 in C Major, Opus 15" by Beethoven. The appearance of Miss Starr, internationally known young pianist and winner in 1962 of the second prize in the piano division of the International Tchaikovsky Competition in Moscow, is sponsored by the Angier B. Duke Memorial Scholarship Committee in honor of the scholarship finalists.

Admission will be the presentation of a Duke Symphony Orchestra season ticket or the purchase of a one dollar ticket at the door; advance ticket sale will be in Room 106 Asbury Building at fifty cents each.

The program will be as follows:

Sinfonia da Chiesa

Louis Mennini

Kyrie: Allegro robusto

Sanctus: Adagio

Agnus Dei: Andante

Premier Performance

This work was commissioned by the Mary Duke Biddle Foundation for the Duke Symphony Orchestra. Mr. Mennini is a member of the composition faculty of the Eastman School of Music.

Concerto No. 1 in C Major, Opus 15 for Piano and Orchestra

Beethoven

Allegro con brio

Largo

Rondo: Allegro

Three Dances from

"The Three Cornered Hat"

Manuel de Falla

The Neighbors

Allegro ma non troppo

Dance of the Miller

Moderato assai, molto ritmico e pesante

Dance Finale

ACADEMIC COUNCIL MEETING

The Academic Council, regularly meeting on the fourth Thursday, will meet this month on Thursday afternoon, March 21st at 4:00 p.m. in Room 208 Flowers Building, because of the Spring Recess.

PHYSIOLOGY SEMINAR

The Physiology Seminar will be held on Thursday, March 21st, at 4:00 p.m. in Room M-202 Davison Building, Duke University Medical Center. The speaker will be Dr. C. Y. Kao, Pharmacology Department, Downstate Medical Center, New York City, who will speak on "Ionic Movements in Uteine Smooth Muscels In Relation to Excitation and Active Transport." All interested people are invited.

S. U. MAJOR SPEAKERS SERIES: THE HONORABLE GEORGE C. MCGHEE

The Educational Affairs Committee of the Student Union presents the third lecturer, The Honorable George C. McGhee, in the Major Speakers Series on Thursday, March 21st in Page Auditorium at 8:15 p.m. Mr. McGhee is presently the Undersecretary of State for Political Affairs and has recently been appointed to the ambassadorship of West Germany. In addition, he is a member of the Trustee Commission for Economic Development, a consultant to the National Security Council, a member of the Near East Foundation, and a member of the Board of Trustees of Duke University. Within recent months, a special mission took him to the Congo for a month of talks with ex-Katanga leader Moise Tshombe and Congo Premier Cyrille Adoula. Mr. McGhee will speak on "The Direction and Strategy of American Foreign Policy."

DUKE UNIVERSITY LIBRARY SCHEDULE—SPRING VACATION 1963

The General Library will operate according to the following schedule during the Spring Vacation period, March 24-April 1.

Saturday, March 23	8:00 a.m.-5:00 p.m.
Sunday, March 24	Closed
Monday, March 25-Friday, March 29	8:00 a.m.-5:00 p.m.
Saturday, March 30	8:00 a.m.-1:00 p.m.
Sunday, March 31	Closed
Monday, April 1	Resume regular schedule

Woman's College Library will be open and operating according to the following schedule:

Saturday, March 23	8:00 a.m.-1:00 p.m.
Sunday, March 24	Closed
Monday, March 25-Friday, March 29	9:00 a.m.-5:00 p.m.
Saturday, March 30	9:00 a.m.-1:00 p.m.
Sunday, March 31	Closed
Monday, April 1	Resume regular schedule

Schedules for school, college and departmental libraries will be posted in those libraries.

1963 UNDERGRADUATE STUDENT BOOK COLLECTORS CONTEST

Prizes of \$100.00, \$60.00 and \$40.00 worth of books will be awarded in April to undergraduates who have acquired the best personal libraries during their college careers. Joint sponsors of the contest each year are the Friends of the Library and the Gothic Bookshop.

Winners will be determined by a committee of three faculty members, on the basis of book lists submitted and brief personal interviews. Neither the

number nor the monetary value of the student's books is of primary importance, but rather the student's knowledge of his library. Each collection must have a conscious focus and show discriminating selection. Textbooks may be included only if they represent voluntary selection on the student's part. The contest is open to all undergraduates.

If the first-prize winner is a member of the senior class, he will be eligible to compete for the Amy Love-man National Award of \$1000.00, offered by the Women's National Book Association, The Book-of-the-Month Club, and the **Saturday Review**.

Further information may be obtained from Thomas M. Simkins, Jr., in the Rare Book Room of the General Library on West Campus.

The date for submitting entries is April 11th.

DINING HALL SPRING HOLIDAY SCHEDULE

<i>Saturday, March 23</i>			
	<i>University Room</i>	<i>Blue & White Room</i>	<i>Oak Room</i>
Breakfast		7:00- 9:30	
Snack Bar		9:30-11:00	
Lunch	11:00- 1:30	11:20- 1:30	11:30-2:00
Dinner—CLOSED			
<i>Sunday, March 24—EVERYTHING CLOSED</i>			
<i>Monday, March 25</i>			
Breakfast	7:00- 9:30		
Snack Bar	9:30-11:00		
Lunch	11:30- 2:00		
Dinner—CLOSED			
<i>Tuesday, March 26 through Friday, March 29</i>			
Breakfast	7:00- 9:30		
Snack Bar	9:30-11:00		
Lunch	11:30- 2:00		
Dinner—CLOSED			
<i>Saturday, March 30—EVERYTHING CLOSED</i>			
<i>Sunday, March 31</i>			
Lunch		11:30- 2:00	
Dinner		5:00- 7:00	

The Oak Room will be closed after lunch on Saturday, March 23rd—reopen for lunch on Monday, April 1st.

Regular cafeteria hours will be resumed on Monday, April 1st.

EVERETT WESLEY HALL PHILOSOPHY LECTURE

Professor Charles A. Baylis, Department of Philosophy, Duke University, will present the Everett Wesley Hall Lecture on Sunday, March 17th at 8:00 p.m. in Room 213 Caldwell Hall, Chapel Hill. His topic will be "Perception."

In the same series, Professor Henry Johnstone, Department of Philosophy, University of Pennsylvania, will speak on "Categorical Commitments," on Thursday, March 21st at 8:00 p.m. in Room 213 Caldwell Hall, Chapel Hill.

EASTER MUSIC PLANS

The Department of Music will present a program of music appropriate to the Easter season on Easter Sunday, April 14th at 4:00 p.m. in the Duke Chapel. Among the numbers to be presented will be two choral works composed by William Klenz of the Department of Music. A large chorus is needed to perform these works and all members of the university and town communities who enjoy choral singing are invited and

earnestly requested to participate in this chorus as part of their Easter observance. The works are not difficult and singers of general experience will be very welcome. Dr. Klensz will conduct both works. They are "Easter Oratorio (1962)" performed on this same program last Easter and "Te Deum." The "Oratorio" is based on texts from the New Testament (Matthew 28 and Revelation 3) set for large chorus, narrator, ten brass instruments, organ and bells. The "Te Deum" written for organ and brass will be given its first local performance on this occasion. Written by Dr. Klensz in 1943 while on duty in England, it was used by the British Broadcasting Corporation for the broadcasts observing the end of the European conflict. Also, it was performed by the Radiodiffusion Francaise for their Easter services in 1945.

It is understood that not everyone can likely attend all the rehearsals of these works but anyone who can attend as many of them as possible—especially the later ones—is cordially invited to participate. The rehearsals are scheduled as follows:

Monday, March 18th:	109 Asbury Building, 5:00 p.m.
Wednesday, April 3rd:	Musie Room, East Duke Building, 5:00 p.m.
Monday, April 8th:	Musie Room, East Duke Building, 5:00 p.m.
Wednesday, April 10th:	Musie Room, East Duke Building, 5:00 p.m.
Thursday, April 11th:	Chapel, 5:00 p.m.
Saturday, April 13th:	Chapel, 4:00 p.m.
Sunday, April 14th:	Chapel, 2:00 p.m. with performance at 4:00 p.m.

CALENDAR ANNOUNCEMENT

There will be no Duke University Weekly Calendar published during the period of the Spring Recess, Saturday, March 23-30. Announcements for the March 31-April 6 edition should be in to the Calendar Office, 202-A Flowers Building, by 1:00 p.m. on Wednesday, March 27th.

SPRING RECESS SUNDAY SERVICE

The next two Sundays fall within the academic Spring Recess. Accordingly, on Sundays, March 24th and 31st, there will be no regular University Service of Worship. However, there will be a thirty-minute service of organ music, Scripture readings and prayers, beginning at 11:00 o'clock.

QUADRANGLE PICTURES

There will be no Quadrangle Pictures during Spring Recess, March 23rd-31st. The next showings will be on Wednesday and Saturday, April 3rd and 6th with the Russian version of "DON QUIXOTE."

ADVANCE NOTICE FRENCH AND SPANISH EXAMINATIONS

The French and Spanish Examination for candidates for graduate degrees will be given on Friday, April 12th, in Room 125 Engineering Building at 4:00 p.m. Candidates register in the Graduate School Office for this examination not later than Friday, March 29th.

ADVANCE NOTICE PHYSIOLOGY SEMINAR

The Physiology Seminar will be held on Thursday, March 28th, at 4:00 p.m. in Room M-202 Davison Building, Duke University Medical Center. The speaker will be Dr. E. Carmeliet, Physiology Department, Downstate Medical Center, New York City, who will speak on "Influence of Lithium Ions on Cardiac Cells." All interested people are invited.

DUKE UNIVERSITY EUROPEAN GROUP TRAVEL PLAN

There will be opportunities again this summer for members of the Duke University Community to avail themselves of a group discount fare (plane) to Europe.

Full details may be obtained in 202-A Flowers Building or by calling Extension 2911.

ART EXHIBITION "WOMEN IN CONTEMPORARY ART"

There is now ready for viewing in the Woman's College Gallery on East Campus an outstanding exhibition, "Women in Contemporary Art." Organized by the Department of Art and the Student Union under the direction of Gaillard Ravenel II the exhibit is being shown to complement the symposium, "Cross Currents in Contemporary Life—A Commentary by Woman."

Assembled from leading museums and private collections, the exhibit is designed to show the major contributions by women to such contemporary schools in painting and sculpture as Surrealism, Abstract Expressionism or "Action Painting," Constructivism, and the New School of Paris.

The exhibit is open to the public without charge and may be seen during regular library hours. Hand-some brochures with an introduction by Leslie Judd Ahlander, Art Critic of the Washington Post are available in the gallery at a small fee.

In addition to the woman's show on East Campus a new exhibition is announced for the Lounge of the West Union Building: an exhibition of the work of Kaethe Kollwitz graphics. This exhibit is also scheduled to illustrate another important dimension in the history of art that has received a significant contribution from a woman artist.

WEEK OF

Mar. 31-Apr. 6, 1963

WEEK OF

Mar. 31-Apr. 6, 1963

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, March 31

11:00-11:30 a.m. University Service of Worship. University Chapel. Service of devotional music, Scriptures and prayers led by the Reverend Howard C. Wilkinson, Chaplain to the University. Broadcast over Radio WDNC and WDNC-FM.

Monday, April 1

4:00 p.m. Zoology Seminar. Auditorium of the Biological Sciences Building. Speaker: Dr. Lowell E. Hokin.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
5:30 p.m. Faculty Volleyball. Indoor Stadium.
8:15 p.m. Durham Civic Choral Society Concert. Woman's College Auditorium.

Tuesday, April 2

10:10 a.m. Divinity School Chapel. York Chapel. Professor James T. Cleland.
12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
5:00 p.m. Duke University Council on Gerontology. Room 208 Flowers Building. Speaker: Dr. Leo W. Simmons.
7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.

8:00 p.m. Men's Student Government Association Presidential Inauguration. Union Ballroom. Speaker: The Honorable J. Braxton Craven, Jr.
8:00 p.m. Faculty Club Meeting. University House. Speaker: Dr. Edgar H. Brooks.

Wednesday, April 3

Greek Week (April 3-7)

10:10 a.m. Divinity School Chapel. York Chapel. Professor James T. Cleland.
11:00 a.m. Divinity School Public Lecture. York Chapel. Speaker: Dr. Savas Agourides.
4:00 p.m. Joint Psychology, Physiology, and Anatomy Colloquium. Duke Hospital Amphitheater. Speaker: Professor Yngve Zotterman.
4:00 p.m. Lilly Lecture Series: "Medieval Constitutionalism." Court Room, Law School. Speaker: Dr. Carl J. Friedrich.
4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building (Auditorium). Speaker: Dr. Warren L. Butler.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
7:00 p.m. Chapel Choir Rehearsal. University Chapel.
7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "DON QUIXOTE" (Russian). "This Russian-made 'Don Quixote' is by far the finest we've had yet on the screen—a faithful, poetically sonorous and brilliantly imaged translation of Cervantes' classic. Color photography, sets, costumes are superb. Cherkasov is magnificent."—*Cue Magazine*. "Brilliant spectacle"—Crowther, *N. Y. Times*.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

- 8:00 p.m. Greek Week Speaker: Dr. Douglas Knight, President-elect of Duke University. Topic: "Responsibilities of the Fraternities on Campus." Woman's College Auditorium.
- 8:15 p.m. Parapsychology Lecture Series. Music Room, East Duke Building. Speaker: Dr. John A. Freeman.

Thursday, April 4

- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. Kermit L. Braswell.
- 12:45 p.m. Electrical Engineering Seminar. Room 201 Engineering Building. Speaker: Mr. Martin Buehler.
- 3:30-5:30 p.m. Greek Week: Chariot Race, Greased Pig Race, and Track Meet. Stadium.
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00 p.m. Lilly Lecture Series: "Protestant Constitutionalism." Court Room, Law School. Speaker: Dr. Carl J. Friedrich.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:15 p.m. Student Union Young Artists Series: Karen Duke, Balladeer. Music Room, East Duke Building.

Friday, April 5

- 9:00 a.m.-5:00 p.m. Conference: American Society of Mechanical Engineers. Room 208 Flowers Building.
- 10:10 a.m. Divinity School Chapel. York Chapel. Professor James T. Cleland.
- 4:00 p.m. Lilly Lecture Series: "Deist Constitutionalism." Court Room, Law School. Speaker: Dr. Carl J. Friedrich.
- 4:30 p.m. Fallout Preparedness Lecture: Edward L. Teller. Page Auditorium.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their mothers.
- 7:00-9:00 p.m. Marriage Seminar. Green Room, East Duke Building.
- 7:30 p.m. Duke Psychiatric Residents' Group. Room 2031 Hospital. Speaker: Dr. T. A. Watters, New Orleans, Louisiana. Topic: Sex Worship and Symbolism.
- 8:00-11:00 p.m. International Folk Dancing. "The Ark"—East Campus.
- 8:00 p.m. Greek Week: Chad Mitches Trio. Driftwood Club.
- 8:15 p.m. Senior Recital: Nancy Lassiter, piano. Music Room, East Duke Building.

Saturday, April 6

- 9:30 a.m. Duke Psychiatric Residents' Group. Third Floor Conference Room of the Veterans' Administration Hospital. Speaker: Dr. T. A. Watters, New Orleans, Louisiana. Topic: "Ex-

periences in Teaching Psychiatry to Medical Practitioners."

- 12:30 p.m. Greek Week: Carnival. Left side of Stadium Parking Lot.
- 1:30 p.m. Marriage Seminar. Green Room, East Duke Building.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "DON QUIXOTE" (Russian). "This Russian-made 'Don Quixote' is by far the finest we've had yet on the screen—a faithful, poetically sonorous and brilliantly imaged translation of Cervantes' classic. Color photography, sets, costumes are superb. Cherkasov is magnificent."—*Cue Magazine*. "Brilliant spectacle"—*Crowther, N. Y. Times*.
- 8:15 p.m. Duke String Quartet Concert. Music Room, East Duke Building.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, April 1st in the Auditorium of the Biological Sciences Building at 4:15 p.m. Dr. Lowell E. Hokin from the Department of Physiological Chemistry, University of Wisconsin, will speak on "Phospholipid Metabolism in Membranes During Active Transport." Coffee and tea will be served in the foyer at 4:00 p.m.

DURHAM CIVIC CHORAL SOCIETY CONCERT

The fourteenth annual spring concert of the Durham Civic Choral Society will be presented on Monday, April 1st, at 8:15 p.m. in the Woman's College Auditorium. The Triangle Little Symphony, a full orchestra composed of musicians from the Triangle area, will accompany the group of 50 singers. The concert will feature Wolfgang Amadeus Mozart's magnificent *Requiem* and Johann Sebastian Bach's Cantata # 4—*Christ Lay by Death Enshrouded* (Christ Lag in Todesbanden). The director of the performance will be Dr. Paul R. Bryan of the Department of Music. Admission to the concert is free and the public is cordially invited.

DUKE UNIVERSITY COUNCIL ON GERONTOLOGY

The Duke University Council on Gerontology will meet on Tuesday, April 2nd at 5:00 p.m. in Room 208 Flowers Building. Leo W. Simmons, Ph.D., formerly Professor of Sociology, Yale University and presently Executive Officer, Institute of Research and Service in Nursing Education, Columbia University and author of *Role of the Aged in Primitive Society* and *Social Science in Medicine* (with Harold G. Wolff), will speak on "Problems of 'Over-Aging.'"

FACULTY CLUB MEETING

The Faculty Club Meeting will be held on Tuesday, April 2nd at 8:00 p.m. in the University House on Myrtle Drive. In addition to the annual business meeting and election of officers, Dr. Edgar H. Brooks, Visiting Professor of Political Science, will speak on "Fifteen Years as a Senator in South Africa."

DIVINITY SCHOOL PUBLIC LECTURE

The University Community is cordially invited to a Divinity School public lecture to be given by Dr. Savas Agourides, Professor of New Testament of the University of Thessaloniki, Greece. Professor Agourides' lecture on "The Social Character of the Greek Orthodox Church" will be given in York Chapel at 11:00 a.m. on Wednesday, April 3rd.

JOINT PSYCHOLOGY, PHYSIOLOGY, AND ANATOMY COLLOQUIUM

There will be a joint Psychology, Physiology, and Anatomy Colloquium on Wednesday, April 3rd in the Hospital Amphitheater at 4:00 p.m. Professor Yngve Zotterman of Vererinhögskolan, Stockholm, Sweden, will discuss "The Neural Basis of Sensation."

LILLY LECTURE SERIES

"TRANSCENDENT JUSTICE: THE RELIGIOUS DIMENSION OF CONSTITUTIONALISM"

Dr. Carl J. Friedrich, Eaton Professor of the Science of Government, Harvard University, will deliver a series of three public lectures under the auspices of the Lilly Endowment Research Program in Christianity and Politics. The general title for the series is "Transcendent Justice: The Religious Dimension of Constitutionalism".

Wednesday, April 3rd

4:00 p.m.—"Medieval Constitutionalism"
Court Room, Law School

Thursday, April 4th

4:00 p.m.—"Protestant Constitutionalism"
Court Room, Law School

Friday, April 5th

4:00 p.m.—"Deist Constitutionalism"
Court Room, Law School

Dr. Friedrich is currently serving as President of the American Political Science Association and Vice-President of the International Political Science Association. He was one of the founders of the American Society for Political and Legal Philosophy and has served for several years as the editor of *Nomos*, the Society's annual publication. His published works include *Constitutional Government and Democracy* (1941, rev. ed. 1951), *The New Belief in the Common Man* (1942, rev. ed. 1950), *Inevitable Peace* (1947), *The Age of the Baroque* (1952) and *The Philosophy of Law in Historical Perspective* (1958).

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, April 3rd at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium). Dr. Warren L. Butler, Biophysicist, Plant Industry Station, United States Department of Agriculture, Beltsville, Maryland will speak on "Current Investigations on Phytochrome."

Following graduation from Reed College, Dr. Butler worked with Dr. Hans Gaffron at the University of Chicago where he did outstanding research on photosynthesis for his doctorate. At Beltsville, he has developed extremely sensitive spectro-photometric techniques that have been used successfully in studying rapid biochemical changes in intact plant tissue. His work on phytochrome is of a pioneering nature and has provided information that is basic to an understanding of a multitude of light responses that are not

related to photosynthesis. Such responses include floral initiation, floral development, seed germination, phylloidy of bracts, pigmentation, leaf expansion, sex expression, bulb formation, and response to day and night temperatures.

Refreshments will be served in the foyer at 4:00 p.m.

PARAPSYCHOLOGY LECTURE SERIES

The Parapsychology Laboratory announces the third in a series of four public lectures to be given during the academic year. On Wednesday, April 3rd, at 8:15 p.m. in the Music Room, East Duke Building, Dr. John A. Freeman will speak on the topic: "ESP in School and College." All members of the University Community are cordially invited to attend the lecture.

ELECTRICAL ENGINEERING SEMINAR

The Electrical Engineering Seminar will be held on Thursday, April 4th at 12:45 p.m. in Room 201 Engineering Building. The topic to be discussed will be "Simultaneous Measurement of Majority and Minority Carrier Hall Mobility in Germanium." Mr. Martin Buehler, graduate student in electrical engineering, will discuss the results of his research. All interested persons are cordially invited to attend.

STUDENT UNION YOUNG ARTISTS SERIES

PRESENT KAREN DUKE, BALLADEER

The Student Union Young Artists Series will present Karen Duke, Balladeer, in a program of "Songs with Guitar" on Thursday, April 4th at 8:15 p.m. in the Music Room, East Duke Building. The concert is open to the public without charge.

Miss Duke's musical background includes guest appearances on television programs and a radio program of her own. She is also a gifted actress and has had considerable experience in opera, summer stock and musical comedy.

Her program will be as follows:

I.

Hush Little Baby	American
High Barbary	English
The Willow Tree	English
The House Where Grandmother Dwelt	Scotch
Sometimes I Feel Like a Motherless Child	Negro Spiritual
Tumbalalaika	Yiddish

II.

Plaisir d'Amour	French
Cielito Lindo	Mexican
Cancion Gitano	Maria Grever
Mother, I Would Marry	Irish
My Love Is Like a Red Red Rose	Scotch

INTERMISSION

III.

I Wish I Was A Single Girl Again	American Group
I've Got No Use For Women	
The Old Woman	
The House of the Rising Sun	
All My Trials	
The Frozen Logger	
Life Is a Toil	
Where Have All the Flowers Gone (Peter Seeger)	
Michael, Row the Boat Ashore	

FALLOUT PREPAREDNESS COMMITTEE PRESENTS DR. EDWARD TELLER

Under the auspices of the Duke Fallout Preparedness Committee, Dr. Edward Teller, famed nuclear

physicist who made significant contributions to the design of the world's first hydrogen bomb, will deliver an address on Friday, April 5th at 4:30 p.m. in Page Auditorium. His topic will be "The Atlantic Community and Nuclear Weapons." Dr. Teller is now Professor-at-Large of Physics at the University of California, where his research is concerned chiefly with the peaceful applications of nuclear energy.

All members of the University Community and other interested persons are cordially invited to attend this guest lecture.

MARRIAGE SEMINAR

There will be a Marriage Seminar led by Mrs. Ethel Nash, Marriage Counselor and Professor of Preventive Medicine at Bowman-Gray Medical School, and Dr. Charles Flowers, Department of Obstetrics and Gynecology, University of North Carolina Medical School, on Friday, April 5th, through Sunday, April 7th, for couples who are planning to be married in the next six to eight months. Three sessions will be held: 7:00 p.m. on Friday, April 5th; 1:30 p.m. on Saturday, April 6th; and 2:00 p.m. on Sunday, April 7th. All sessions are scheduled for the Green Room, East Duke Building. Registration is in advance in the University Chapel Office in the Basement, or the Religious Life Office, 110 Faculty Apartments. The cost per couple is \$1.50 or \$.75 per person. Any person whose fiancé or fiancée is not connected with the Duke campus is cordially invited to attend alone or with his or her guest.

SENIOR PIANO RECITAL, NANCY LASSITER

The Department of Music will present a senior recital by Nancy Lassiter, pianist, on Friday, April 5th at 8:15 p.m. in the Music Room, East Duke Building. Miss Lassiter is a student of Professor Loren Withers. The University Community and the general public are cordially invited to attend. The program will be as follows:

Prelude and Fugue in C minor, from "The Well-Tempered Clavier," Vol. I	Bach
Sonata in E-flat, Opus 81a	Beethoven
Adagio; Allegro (Les Adieux)	
Andante espressivo (L'Absence)	
Vivacissimamente (Le Retour)	
Sonata No. 3	Dello Joio
Theme with variations	
Presto e leggiero	
Adagio	
Allegro vivo e ritmico	
Ballade in G minor, Opus 23	Chopin

LASSAW SCULPTURE EXHIBIT

The exhibit of sculpture by Ibram Lassaw, Benjamin N. Duke visiting artist, may be seen in Mr. Lassaw's studio, Room 304 Science Building, East Campus, from one o'clock until nine o'clock in the evenings through Saturday, April 6th. This exhibition is open to the public without charge.

Consisting of thirteen of Lassaw's recent works, and several pen and ink drawings, as well as examples of "welded jewelry" which he has created as a sideline "hobby," the Lassaw collection is one of the most unusual and beautiful ever shown under one roof.

Several of the larger sculptures are works the artist has created during his 1962-63 residence at Duke un-

der a Mary Duke Biddle Foundation appointment to the recently inaugurated distinguished chair of art.

Among them are included 1963 abstractions entitled "Equinox," of welded nickel, silver and phosphor bronze, and "Kirkeia," of bronze allows, nickel, steel and silver. These are among larger works of the Egyptian-born sculptor—"Equinox" measuring seven feet in height, nearly six feet in width and three feet deep.

All of the works are examples of "space densities," with thickness and thinness of space and distinction between networks of thin lines and bold shapes taking place in the welded amazingly hued creations, some of which contain jewel-like settings of odd-shaped semiprecious stones. He works almost entirely with acetylene torch.

Since 1933, Lassaw has been shown in major museum exhibitions both in this country and abroad. Many of the works to be seen at Duke will be shipped to New York for a one-man show opening April 16th at the Kootz Gallery in Manhattan.

DUKE STRING QUARTET

The Department of Music will present the final concert of the season by the Duke String Quartet on Saturday, April 6th at 8:15 p.m. in the Music Room East Duke Building. Members of the Quartet are Joseph Pepper, violin; William Martin, violin; Julia Mueller, viola and William Klensz, violoncello. They will be assisted on this occasion by Allan Bone, clarinet and Lawrence Wallace, viola. The University Community and the general public are cordially invited to attend. The program will be as follows:

Quintet in A Major for Clarinet and Strings	Mozart Köchel 581
Allegro	
Larghetto	
Menuetto	
Allegretto con variazioni	
Quintet No. 2 in G Major for Two Violins, Two Violas and Cello	Brahms Opus 111
Allegro non troppo, ma con brio	
Adagio	
Un poco Allegretto	
Vivace, ma non troppo presto	

ART EXHIBITION

The Department of Art and the Student Union announce a showing, "For Young Collectors" from Ferdinand Roten, Inc., an exhibition of lithographs and etchings by major twentieth Century artists designed to acquaint the young collector with original works of art that can be purchased at a very modest price. This exhibition will be held on both campuses in order that the greatest variety of works will be available for both viewing and possible purchase. Works by such noted modern masters as Marc Chagall, Picasso, Clave, Miro, and Matisse are included in this exhibit and may be seen from now until Sunday, April 14th on East Campus and until Thursday, April 26th on West Campus.

EASTER MUSIC PLANS

The Department of Music will present a program of music appropriate to the Easter season on Easter Sunday, April 14th at 4:00 p.m. in the Duke Chapel.

Among the numbers to be presented will be two choral works composed by William Klenz of the Department of Music. A large chorus is needed to perform these works and all members of the university and town communities who enjoy choral singing are invited and earnestly requested to participate in this chorus as part of their Easter observance. The works are not difficult and singers of general experience will be very welcome. Dr. Klenz will conduct both works. They are "Easter Oratorio (1962)" performed on this same program last Easter and "Te Deum." The "Oratorio" is based on texts from the New Testament (Matthew 28 and Revelation 3) set for large chorus, narrator, ten brass instruments, organ and bells. The "Te Deum" written for organ and brass will be given its first local performance on this occasion. Written by Dr. Klenz in 1943 while on duty in England, it was used by the British Broadcasting Corporation for the broadcasts observing the end of the European conflict. Also, it was performed by the Radiodiffusion Francaise for their Easter services in 1945.

It is understood that not everyone can likely attend all the rehearsals of these works but anyone who can attend as many of them as possible—especially the later ones—is cordially invited to participate. The rehearsals are scheduled as follows:

Monday, March 18th:	109 Asbury Building, 5:00 p.m.
Wednesday, April 3rd:	Music Room, East Duke Building, 5:00 p.m.
Monday, April 8th:	Music Room, East Duke Building, 5:00 p.m.
Wednesday, April 10th:	Music Room, East Duke Building, 5:00 p.m.
Thursday, April 11th:	Chapel, 5:00 p.m.
Saturday, April 13th:	Chapel, 4:00 p.m.
Sunday, April 14th:	Chapel, 2:00 p.m. with performance at 4:00 p.m.

1963 UNDERGRADUATE STUDENT BOOK COLLECTORS CONTEST

Prizes of \$100.00, \$60.00 and \$40.00 worth of books will be awarded in April to undergraduates who have acquired the best personal libraries during their college careers. Joint sponsors of the contest each year are the Friends of the Library and the Gothic Bookshop.

Winners will be determined by a committee of three faculty members, on the basis of book lists submitted and brief personal interviews. Neither the number nor the monetary value of the student's books is of primary importance, but rather the student's knowledge of his library. Each collection must have a conscious focus and show discriminating selection. Textbooks may be included only if they represent voluntary selection on the student's part. The contest is open to all undergraduates.

If the first-prize winner is a member of the senior class, he will be eligible to compete for the Amy Loveman National Award of \$1000.00, offered by the Women's National Book Association, The Book-of-the-Month Club, and the *Saturday Review*.

Further information may be obtained from Thomas M. Simkins, Jr., in the Rare Book Room of the General Library on West Campus.

The date for submitting entries is April 11th.

DUKE UNIVERSITY EUROPEAN GROUP TRAVEL PLAN

There will be opportunities again this summer for members of the Duke University Community to avail themselves of a group discount fare (plane) to Europe.

Full details may be obtained in 202-A Flowers Building or by calling Extension 2911.

ERASMUS CLUB ESSAY PRIZE

All essays to be considered for the Erasmus Club Prize must be submitted to Professor Holger Nygard, Department of English, by 4:00 p.m. on Monday, April 15th. Essays by undergraduate students embodying the results of research, criticism or evaluation may be submitted.

ANNE FLEXNER MEMORIAL AWARD FOR CREATIVE WRITING

The Department of English wishes to remind undergraduates who may wish to compete for the Anne Flexner Memorial Award for Creative Writing that manuscripts will be due by **April 22nd**. This year increased income from the Flexner Fund has permitted the raising of the value of the first prize to \$100.00 and the adding of a second prize of \$50.00.

CONDITIONS

1. The Prize is open to all undergraduates, both men and women.
2. Only short stories (5000-word limit), one-act plays (5000-word limit), poems (100-line limit), and informal essays (3000-word limit) are eligible.
3. Only one manuscript may be submitted by any contestant.
4. All manuscripts must be typed double spaced and must be delivered to the English Office (325 Allen Building) by **APRIL 22nd**. The author's name and address must appear nowhere except on a separate sheet placed before the manuscript.
5. At the judges' discretion, the prize may be split equally between a winning prose and a winning poetry entry.

EVERETT WESLEY HALL PHILOSOPHY LECTURES

Professor Romane L. Clark, Department of Philosophy, will present another lecture in the Everett Wesley Hall Lecture series on Thursday, April 4th at 8:00 p.m. in Room 213 Caldwell Hall, Chapel Hill. His topic will be "Facts." All interested members of the University Community are cordially invited to attend.

ADVANCE NOTICE INTERNATIONAL CLUB OUTING

The International Club will sponsor an all day outing at Hanging Rock State Park on Sunday, April 7th. Everyone is asked to bring his own lunch, and meet at the East Campus Circle at 9:00 a.m. All members of the University Community are invited.

ADVANCE NOTICE ERASMUS CLUB MEETING

The Erasmus Club will meet together with the Philological Club of the University of North Carolina on Monday, April 8th at 8:00 p.m. in the Green Room, East Duke Building. The speaker will be Professor Berthold L. Ullman, Kenan Professor of Classical Languages Emeritus, University of North Carolina.

The subject of his paper will be "Geometry in the Medieval Quadrivium." All members are urged to attend this joint meeting. Refreshments will be served.

ADVANCE NOTICE STUDENT UNION

ADVENTURE FILM AND LECTURE SERIES

The Student Union's Recreation Committee will present Dimitri Rebikoff, President of the Submarine Research Institute at Cannes, France, in a lecture-film program entitled "Exploring Secrets of the Underwater World" on Tuesday, April 9th at 8:15 p.m. in Page Auditorium. There will be a general admission charge of \$.50 per person with the exception of children, twelve and under, for whom the tickets will be priced at \$.25 per person.

The producer and commentator of the film, Dimitri Rebikoff is responsible for the invention of the motion picture torpedo which made possible the uncovering photographically of a scope of oceanic life previously impossible to reveal. A fight to the death between an ugly octopus and a deadly sea anemone, the treasures in a Greek ship that has lain on the floor of the Mediterranean Sea for centuries, jewel fishes, submarine reefs, barracuda, sting ray, plus many other ocean depth secrets—all in color—will be shown in this film, "Exploring Secrets of the Underwater World."

ADVANCE NOTICE CHAMBER ARTS SOCIETY NEW YORK STRING SEXTET

The Chamber Arts Society announces the sixth and final concert of its season, to be played by the **New York String Sextet**, Saturday, April 13th in the Music Room, East Duke Building, at 8:15 p.m. The musicians are Renato Bonacini and Kees Kooper (Violins) Paul Doktor and Emile Simonel (Violas), Janos Scholz and George Koutzen (Cellos). The program follows:

Mozart	Quintet in G Minor, K. 516 (two violas)
Borodin	Allegro in D major for Sextet
Quincy Porter	Sextet on Slavic Folk tunes
Brahms	Sextet No. 2 in G major, Opus 36

Admission: by Chamber Arts Society Membership Card, or by single-admission **Guest Card** costing \$2.50. About 100 Guest Cards are available and may be obtained at the door of the Music Room on the evening of the concert, from 7:30 p.m. to 8:00 p.m.

The Chamber Arts Society is a non-profit organization; membership is open to all persons. For further information address Chamber Arts Society c/o Ernest W. Nelson, Box 6065 College Station, Durham, North Carolina.

1963-64 ARTISTS SERIES ANNOUNCEMENT

The 1963-64 Duke University Artists Series announces the following concerts for the 1963-64 Season:
Tuesday, December 3

THE GOLDOVSKY GRAND OPERA THEATER Puccini's "Tosca"

With a company of fifty including orchestra and chorus, Boris Goldovsky presents "Tosca" in English, fully staged with handsome sets and costumes. Puccini's compelling and vital drama, one of the most exciting of all Grand Operas, combines some of the composer's most memorable arias with a vivid and dramatic tale of love, life, passion, murder and tragedy.

Tuesday, February 4

BACH ARIA GROUP

William H. Scheide, Director	
Eileen Farrell, Soprano	Julius Baker, Flute
Jan Peerce, Tenor	Robert Bloom, Oboe
Carol Smith, Alto	Bernard Greenhouse, Cello
Norman Farrow, Bass-baritone	Maurice Wilk, Violin
Paul Ulanowsky, Piano	

Composed as it is, of world-famous instrumental and vocal soloists, this outstanding group has been uniquely able to set forth the central and crowning achievement of one of the greatest names in music.

"Music without equal or any near parallel." . . . Paul Hume, *Washington Post*

Tuesday, March 10

PRESTI AND LAGOYA, Guitar-Duo

Ida Presti and Alexandre Lagoya had both established themselves as solo concert artists of considerable distinction when, in 1955 they joined forces to form a guitar-duo. In the years since, Presti-Lagoya have won critical praise and fervent audience acclaim in France, Holland, Germany, Switzerland, North Africa, India and Australia. Following their first U. S. tour the duo is already booked in Japan, Australia and India. In their unique and fascinating programs Presti and Lagoya combine original works for guitar-duo with superb transcriptions ranging from Bach to Searlatti to Albeniz and Debussy. "Brilliance and sterling musicianship!" . . . *The Times*, London.

"These two artists are AMONG THE GREATEST OF OUR TIME!" . . . *Parool*, Amsterdam.

Friday, March 20

PITTSBURGH SYMPHONY ORCHESTRA

William Steinberg, Music Director

Founded in 1895, the orchestra earned its fame under such conductors as Victor Herbert, Otto Klemperer, and Fritz Reiner. Under the baton of William Steinberg since 1952, the orchestra has grown to an exciting musical force whose reputation is now world-wide. Its concerts feature the great conductors and soloists of our time and the orchestra's recordings on Command Classics have been widely acclaimed.

Friday, April 17

JOHN BROWNING, Pianist

John Browning has been hailed "a meteor that crashed onto the musical scene" and these words explain why within the span of seven years, this pianist has become an international star. He is the recipient of three famous competition prizes: the Steinway Centennial Award, sponsored by the National Federation of Music Clubs; the Edgar M. Leventritt Award, which gave him his debut with the New York Philharmonic Orchestra under Dimitri Mitropoulos; and the Gold Medal Award of the Concours International Musical Reine Elisabeth in Brussels, perhaps the most celebrated of all international competitions. "A great pianist. A real musician." . . . Lang, *New York Herald-Tribune*.

Season ticket reservations for the above five attractions priced at \$8.00, \$9.00, and \$10.00, are available in Room 202-A Flowers Building, by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station, Durham, North Carolina. All of these attractions will be staged in Page Auditorium.

OFF-THE-SERIES ATTRACTION 1963-'64

Tuesday, November 19

The Regimental Band and Massed Pipers of the **BLACK WATCH** (Royal Highland Regiment) with Highland Dancers from the Edinburgh Festival

Trumpet fanfares, rumbling drums and the stirring skirl of the Massed Pipers launches the brilliant and moving spectacle of marching ceremonies, rousing music and highland dancing which the world-famous Black Watch brings to North America. Two seasons ago hundreds of thousands cheered the colorful pageantry of Her Majesty's Scots Guards; now S. Hurok presents a unique opportunity to witness the thrilling ceremonial splendor of The Black Watch.

The **BLACK WATCH** will take place in the Indoor Stadium and reserved seats will be priced at \$2.50 and \$2.00 with a special price of \$1.50 and \$1.25 to Artists Series patrons. Children's tickets are priced at \$1.25 and \$1.00.

WEEK OF

April 7-13, 1963

WEEK OF

April 7-13, 1963

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, April 7

Denominational Meetings. See Special notice.

- 9:00 a.m. International Club Outing. Hanging Rock.
- 10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.
- 11:00 a.m. University Service of Worship, University Chapel. Preacher: The Reverend Professor Robert E. Cushman, Dean of the Divinity School. Sermon: "Blessed Is He That Cometh!" Broadcast over Radio Station WDNC and WDNC-FM.

Monday, April 8

- 2:30 p.m. The final examination of Mr. Roderick Bruce Dugliss for the Ph.D. degree in Political Science. Room 212 Law School.
- 4:30 p.m. Fallout Preparedness Committee Meeting. Board Room, Allen Building.
- 5:00 p.m. Easter Music Rehearsal (Department of Music). Music Room, East Duke Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:30 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:00 p.m. Erasmus Club Meeting. Green Room, East Duke Building. Speaker: Professor Berthold I. Ullman.

Tuesday, April 9

- 10:10 a.m. Divinity School Chapel. York Chapel. Dean Robert E. Cushman.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 1:00 p.m. Golf Match. Duke versus Virginia. Golf Course.
- 3:00 p.m. Campus Club Meeting. University House.
- 3:00 p.m. Freshman Track. Duke versus N. C. State. Duke Stadium.
- 3:00 p.m. Varsity Baseball. Duke Versus Notre Dame University.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 6:00-7:00 p.m. Inter-varsity Christian Fellowship. Music Room, East Duke Building. Speaker: Reverend Roy Putnam: "Purpose in Life."
- 7:30 p.m. Missions Committee Lecture. Methodist Student Center. Speaker: Dr. E. E. Peacock.
- 7:30 p.m. Duke Fencing Club Meeting. Main Floor. Card Gymnasium.
- 8:00 p.m. Sigma Xi Lecture. Biological Sciences Lectureroom. Speaker: Dr. Henry Fairbank.
- 8:30 p.m. Open Forum: "University Reform and the Political Role of the University." Room 208 Flowers Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

8:15 p.m. S. U. Adventure Film and Lecture Series: "SECRETS OF THE UNDERWATER WORLD" with Dimitri Rebikoff. Page Auditorium.

Wednesday, April 10

10:10 a.m. Divinity School Chapel. York Chapel. Dean Robert E. Cushman.

3:00 p.m. Varsity Tennis. Duke versus Wake Forest. West Courts.

3:00 p.m. Freshman Tennis. Duke versus Wake Forest. West Courts.

3:00 p.m. Varsity Baseball. Duke versus N. C. State. Coombs Field.

4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building (Auditorium). Speaker: Dr. Theodore Delevoryas.

4:30 p.m. Joint Duke-UNC Physics Colloquium. Room 114 Physics Building. Speaker: Dr. William J. Willis.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "BALLAD OF NARAMAYA" (Japanese). A near folk-myth, the story is a very sobering legend, almost allegorical and always explicitly symbolic of the common lot. Winner of high critical acclaim. Venice Film Festival. In color.

8:15 p.m. Duke Concert Band Concert. Woman's College Auditorium.

Thursday, April 11

10:10 a.m. Divinity School Chapel. York Chapel. Holy Communion. Dean Robert E. Cushman.

12:30 p.m. Literary Arts Celebration Luncheon. Old Trinity Room.

12:30 p.m. Plant Ecology Seminar. Room 144 Biological Sciences Building. Speaker: Miss Marilyn L. Stagner.

3:00 p.m. Literary Arts Celebration. Music Room, East Duke Building.

3:00 p.m. Varsity Baseball. Duke versus Notre Dame University. Coombs Field.

3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

3:30 p.m. The final examination of Mr. Walter L. Johnson for the Ph.D. degree in Economics. Room 106-B Social Science Building.

4:00 p.m. Undergraduate Faculty Council. Room 208 Flowers Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15 p.m. Faculty Volleyball. Indoor Stadium.

7:30 p.m. Maundy Thursday Service: Holy Communion. University Chapel.

7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

8:15 p.m. Literary Arts Celebration. Music Room, East Duke Building.

Friday, April 12

10:00 a.m. The final examination of Mr. Bruce Roger Roberts for the Ph.D. degree in Forestry. Room 140 Biological Sciences Building.

10:10 a.m. Good Friday Service: "The Passion According to St. Matthew." York Chapel.

12:00 noon Good Friday Crucifixion Service. University Chapel.

3:00 p.m. Varsity Tennis. Duke versus Toledo. West Courts.

4:15 p.m. Joint Zoology and Botany Seminar. Auditorium, Biological Sciences Building. Speaker: Dr. R. Bruce Nicklas.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their mothers.

8:00-11:00 p.m. International Club Folk Singing. Dean's House, East Campus.

8:15 p.m. Senior Piano Recital: Carol Williams. Music Room, East Duke Building.

Saturday, April 13

10:30 a.m. The final examination of Mr. Richard Henry Wagner for the Ph.D. degree in Botany. Room 140 Biological Sciences Building.

2:00 p.m. Varsity Baseball. Duke versus Notre Dame University. Coombs Field.

2:00 p.m. Varsity Lacrosse. Duke versus New Hampshire. Freshman Field.

2:00 p.m. Varsity Track. Duke versus Maryland. Duke Stadium.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "BALLAD OF NARAMAYA" (Japanese). A near folk-myth, the story is a very sobering legend, almost allegorical and always explicitly symbolic of the common lot. Winner of high critical acclaim, Venice Film Festival. In color.

8:15 p.m. Chamber Arts Society: New York String Sextet. Music Room, East Duke Building.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor Robert E. Cushman, Dean of the Divinity School, will deliver the sermon at the University Service of Worship on Sunday, April 7th at 11:00 a.m. in the University Chapel. His subject will be "Blessed Is He That Cometh!" The order of service follows:

The Reverend Robert P. Hyatt, Associate Director of Religious Life, Presiding Minister.

Opening Organ Voluntary—Concerto No. I in G major *Bach*
Allegro
Grave
Presto

Concerto No. I *Handel*
Andante

Choral Adoration—"Sanctus" from Mass II *Hassler*
Hymn—"Joyful, Joyful, We Adore Thee" *Beethoven*

The Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Sanctus" from *Requiem* *Gabriel Fauré*

Scripture—Matthew 21:1-11

Hymn—"All Glory, Laud, and Honor" *Melchior Teschner*

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Lift Up Your Heads, O Ye Gates" *Handel*

Response—The Doxology

Prayer of Dedication

Sermon—"Blessed Is He That Cometh!"

Prayer

Benediction

Choral Response—"Sevenfold Amen"

The Chimes

Closing Organ Voluntary—Toccata on "O Filii et Filiae" *Lynwood Farnum*

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Thursday, Center, 12:00, Faculty-Graduate Luncheon group. Friday, Center, 6:15 P.M., Supper-Seminars—Dr. George Maddox leading in "The Racial Question—Problems and Perspective."

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., East Duke Chapel.

EPISCOPAL UNIVERSITY CENTER: Palm Sunday, 9:30 A.M., Holy Communion and Distribution of Palms. Monday, 7:10 A.M., Holy Communion; 5:30 P.M., Evening Prayer; 7:00 P.M., Seminar—"The Church in a Post-Christendom World." Tuesday, 7:10 A.M., Holy Communion; 5:30 P.M., Evening Prayer. Wednesday, 7:10 A.M., Holy Communion; 5:30 P.M., Holy Communion. Maundy Thursday, 7:10 A.M., Holy Communion; 5:15 P.M., Inquirer's Class; 7:30 P.M., Holy Communion. Good Friday, 7:15 A.M., Morning Prayer (Duke Chapel); 7:30 P.M., Tenebrae. Easter Even (Holy Saturday), 5:00 P.M., Holy Baptism; 11:15 P.M., Easter Celebration of Holy Communion. There will be no services on Easter Day.

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., Grace Lutheran Church, Buchanan and Green, Group Discussion led by Chaplain George Shuford and LSA President, Erickson, on LSA Regional Conference Topic—Word, World, and Sacrament. Spaghetti—cost supper. Wednesday, 7:15 A.M., Memorial Chapel of Duke Chapel, Brief Service followed by Holy Communion. Meditation by N. C. C. Professor, Reverend T. R. Speigner; 5:00 P.M., East Duke Chapel, Holy Communion.

METHODIST STUDENT FELLOWSHIP: Sunday, 6:00 P.M., Center, Holy Communion—Sermon by Anwar Barkat. Wednesday, 6:00 P.M., Evening Prayer.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 5:30 P.M., Westminster House, Vespers and Pizza Supper.

INTERNATIONAL CLUB OUTING

The International Club will sponsor an all day outing at Hanging Rock State Park on Sunday, April 7th. Everyone is asked to bring his own lunch, and meet at the East Campus Circle at 9:00 a.m. All members of the University Community are invited.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Roderick Bruce Dugliss for the Ph.D. degree in Political Science will be held on Monday, April 8th, at 2:30 p.m. in Room 212 of the Law School. The subject of Mr. Dugliss' dissertation is "The Pressure Group Activities of the Church of England in Recent British Politics, 1950-1960: The Effectiveness of Establishment." The committee to conduct the examination consists of Professors Waldo Beach, Edgar H. Brookes, Robert H. Connery, Robert S. Rankin and Allan P. Sindler. Professor Sindler will preside.

FALLOUT PREPAREDNESS MEETING

There will be a meeting of the Fallout Preparedness Committee on Monday, April 8th, at 4:30 p.m. in the Board Room in Allen Building.

EASTER MUSIC PLANS

The Department of Music will present a program of music appropriate to the Easter season on Easter Sunday, April 14th at 4:00 p.m. in the Duke Chapel. Among the numbers to be presented will be two choral works composed by William Klenz of the Department of Music. A large chorus is needed to perform these works and all members of the university and town

communities who enjoy choral singing are invited and earnestly requested to participate in this chorus as part of their Easter observance. The works are not difficult and singers of general experience will be very welcome. Dr. Klenz will conduct both works. They are "Easter Oratorio (1962)" performed on this same program last Easter and "Te Deum." The "Oratorio" is based on texts from the New Testament (Matthew 28 and Revelation 3) set for large chorus, narrator, ten brass instruments, organ and bells. The "Te Deum" written for organ and brass will be given its first local performance on this occasion. Written by Dr. Klenz in 1943 while on duty in England, it was used by the British Broadcasting Corporation for the broadcasts observing the end of the European conflict. Also, it was performed by the Radiodiffusion Francaise for their Easter services in 1945.

It is understood that not everyone can likely attend all the rehearsals of these works but anyone who can attend as many of them as possible—especially the later ones—is cordially invited to participate. The rehearsals are scheduled as follows:

Monday, April 8th:	Music Room, East Duke Building, 5:00 p.m.
Wednesday, April 10th:	Music Room, East Duke Building, 5:00 p.m.
Thursday, April 11th:	Chapel, 5:00 p.m.
Saturday, April 13th:	Chapel, 4:00 p.m.
Sunday, April 14th:	Chapel, 2:00 p.m. with performance at 4:00 p.m.

ERASMUS CLUB MEETING

The Erasmus Club will meet together with the Philological Club of the University of North Carolina on Monday, April 8th at 8:00 p.m. in the Green Room, East Duke Building. The speaker will be Professor Berthold L. Ullman, Kenan Professor of Classical Languages Emeritus, University of North Carolina. The subject of his paper will be "Geometry in the Medieval Quadrivium." All members are urged to attend this joint meeting. Refreshments will be served.

CAMPUS CLUB MEETING

The Duke University Campus Club will hold its annual business meeting at 3:00 p.m. on Tuesday, April 9th, at the University House. Tea will be served. The hostess departments will include the Philosophy, Psychology and Naval Science, with Mrs. Charles A. Baylis as general chairman.

MISSIONS COMMITTEE LECTURE MEDICAL WORK IN INDIA

On Tuesday, April 9th at 7:30 p.m. in the Methodist Student Center, Dr. E. E. Peacock, plastic surgeon from the Memorial Hospital at the University of North Carolina, will present a program concerning

his work as a medical missionary to India for the Presbyterian Church. Slides will be shown and opportunity for open discussion will follow.

This program is sponsored by the Missions Committee of the Divinity School and is open to all interested persons.

SIGMA XI LECTURE

The Duke Chapter of Sigma Xi announces a lecture by Dr. Henry Fairbank, Chairman of the Physics Department, on Tuesday, April 9th at 8:00 p.m. in the Biological Sciences Lectureroom. In addition, there will be the election of officers.

Dr. Fairbank received his Ph.D. at Yale in 1944, and remained there as a staff member in the Physics Department. He spent a year as a staff member of the Los Alamos Laboratory, and the year 1953-54 as a Guggenheim Fellow at Oxford, where he received an M.A. He is the younger of the two Fairbank brothers, both well known for their work in low temperature physics, and both having associations with Duke.

Dr. Fairbank will review the recent progress in the study of matter very near absolute zero. Here one finds ordering effects, notably He^3 and He^4 , which are affected in a non-classical way by quantum effects. A number of strange phenomena are observed near absolute zero. Among these is superconductivity, which is both interesting and potentially very useful.

OPEN FORUM

"UNIVERSITY REFORM AND THE POLITICAL ROLE OF THE UNIVERSITY"

Students for a Democratic Society in cooperation with the Duke Young Democrats will sponsor an open forum on "University Reform and the Political Role of the University" on Tuesday, April 9th at 8:30 p.m. in Room 208 Flowers Building. The speakers will be Mr. Jim Monsonis, National Secretary of Students for a Democratic Society; and Arthur Gorson, National Chairman of College Americans for Democratic Action. All interested members of the University Community are cordially invited to attend.

STUDENT UNION ADVENTURE FILM AND LECTURE SERIES

The Student Union's Recreation Committee will present Dimitri Rebikoff, President of the Submarine Research Institute at Cannes, France, in a lecture-film program entitled "Exploring Secrets of the Underwater World" on Tuesday, April 9th at 8:15 p.m. in Page Auditorium. There will be a general admission charge of \$.50 per person with the exception of children, twelve and under, for whom the tickets will be priced at \$.25 per person.

The producer and commentator of the film, Dimitri

Rebikoff is responsible for the invention of the motion picture torpedo which made possible the uncovering photographically of a scope of oceanic life previously impossible to reveal. A fight to the death between an ugly octopus and a deadly sea anemone, the treasures in a Greek ship that has lain on the floor of the Mediterranean Sea for centuries, jewel fishes, submarine reefs, barracuda, sting ray, plus many other ocean depth secrets—all in color—will be shown in this film, "Exploring Secrets of the Underwater World."

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, April 10th at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium). Dr. Theodore Delevoryas, Associate Professor, Department of Biology, Yale University will speak on "Ontogenetic Studies of Fossil Plants."

Dr. Delevoryas is known for his paleobotanical studies on fossil cycads and pterido sperms. He has recently contributed to the Holt-Rinehart-Winston series of biology books. He is one of the country's leading paleobotanists.

Refreshments will be served at 4:00 p.m.

JOINT DUKE-UNC PHYSICS COLLOQUIUM

A joint Duke-UNC Physics Colloquium will be held on Wednesday, April 10th at 4:30 p.m. in Room 114 Physics Building, Duke University. Dr. William J. Willis, Brookhaven National Laboratory, Upton, Long Island, New York, will speak on "Direct Experimental Determination of the Sigma-Lambda Relative Parity." Tea and coffee will be served at 4:15 p.m.

CONCERT BAND CONCERT

The Department of Music presents The Duke University Concert Band, Paul Bryan, conductor in spring concert on Wednesday, April 10th at 8:15 p.m. in the Woman's College Auditorium. Featured on the program will be music by German and American composers of the 18th, 19th and 20 centuries with the premiere performance of Norman Dello Joio's "Variants of a Mediaeval Tune" with the composer conducting.

Mr. Dello Joio, distinguished Pulitzer Prize-winning American composer started his career as professional organist at the age of twelve. He then studied at Juilliard and while there became more interested in the creative side of music. After three years of composition at the Juilliard Graduate School, he proceeded to the Yale School of Music to study under Paul Hindemith. Mr. Dello Joio was for some years on the faculty of Sarah Lawrence College and at present is Professor of Composition at the Mannes College of Music. He has composed in practically all forms:

symphonic, choral, chamber, modern dance and ballet and opera. His work for string orchestra "Meditations on Ecclesiastes" brought him the Pulitzer Prize for Music in 1957. This is his first work for band and is the result of a commission made possible by the Mary Duke Biddle Foundation.

Another feature of the evening's concert will be Charles DeLaney, Associate Conductor of the Symphony Orchestra of the University of Illinois, who will appear as flute soloist. Mr. DeLaney, also a composer and arranger, has performed with the Cincinnati Symphony, Dayton Symphony and orchestral groups at the Transylvania Music Center where he has been on faculty for many years. Among flute teachers, he is one of the most outstanding and has hundreds of students throughout the country.

There is no admission charge and the public is cordially invited. The program is as follows:

Adagio and Allegro (für eine Orgelwalze), K. 594	Wolfgang Mozart (transcribed by William Schaefer)
Mountain Dawn	Lamar Stringfield
Threnody, Op. 66	Gardner Read
Presto	Johann Quantz
Charles DeLaney, flutist	
Overture for Band	Henry Hadley

INTERMISSION

Intermezzo from the Opera "Vanessa"	Samuel Barber (transcribed by Walter Beeler)
Commando March	Samuel Barber
March for the Prince of Wales	Josef Haydn
Chorale Prelude: So Pure the Star	Vincent Persichetti (Composed for the Duke Concert Band, first performance December, 1962)
Variants on a Mediaeval Tune	Norman Dello Joio
Introduction and Theme ("In dulci jubilo")	
Variation I	Allegro deciso
Variation II	Lento, pesante
Variation III	Allegro, spumante
Variation IV	Andante
Variation V	Allegro Gioioso
Norman Dello Joio, conducting	

LITERARY ARTS CELEBRATION

The fifth annual Literary Arts Celebration, sponsored by the Department of English and the ARCHIVE, student literary magazine, will be held on Thursday, April 11th. At 12:30 p.m., there will be a luncheon in the Old Trinity Room to honor the writers and critics participating in the Celebration. They are Reynolds Price, novelist and Assistant Professor of English at Duke; X. J. Kennedy, poet and member of the English Department, Woman's College of the University of North Carolina, Greensboro; and Miss Eudora Welty, distinguished Mississippi novelist and short story writer.

Beginning at 3:00 p.m. in the Music Room of East Duke Building, Miss Welty will read a lecture, "Words into Fiction" and one of her short stories. Miss Welty's most recent work is a collection of stories, "The Bride of Innisfallen and Other Stories."

At 8:15 p.m. in the Music Room, East Duke Building, Reynolds Price, Chairman, X. J. Kennedy, and

Miss Welty will discuss the student poems and stories in the ARCHIVE's Literary Celebration Issue.

Persons wishing to attend the luncheon should contact Miss Dorothy Roberts, secretary, English Department, 325 Allen Building or Extension 2741.

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, April 11th, at 12:30 p.m. in Room 144 Biological Sciences Building. Miss Marilyn L. Stagner, candidate for the Ph.D. in botany, will discuss "Studies of Energy Pathways Through Plant Communities: Current Concepts and Confusion."

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Walter L. Johnson for the Ph.D. degree in Economics will be held on Thursday, April 11th at 3:30 p.m. in Room 106B Social Science Building. The subject of Mr. Johnson's dissertation is "Comparability of Structures of Interest Rates." The committee to conduct the examination consists of Professors W. P. Yohe, D. G. Davies, C. B. Hoover, J. J. Spengler, and Herman Walker. Professor Yohe will preside.

UNDERGRADUATE FACULTY COUNCIL

The Undergraduate Faculty Council will meet at 4:00 p.m. on Thursday, April 11th in Room 208 Flowers Building.

HOLY WEEK MAUNDY THURSDAY SERVICE

The traditional Maundy Thursday Holy Communion service will be celebrated April 11, beginning at 7:30 o'clock, in the Duke Chapel. Historically, this approximates the actual time when our Lord instituted this sacrament. The Celebrant will be the Reverend Howard C. Wilkinson, Chaplain to the University. The preacher will be the Reverend Professor James T. Cleland, Dean of the Chapel. The Chapel Choir will furnish musical leadership for the service, under the direction of Professor Paul Young, Director of Choral Activities. The University community and the public are invited to attend.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Bruce Roger Roberts for the Ph.D. degree in Forestry will be held on Friday, April 12th at 10:00 a.m. in Room 140, Biological

Sciences Building. The subject of Mr. Roberts' dissertation is "Effects of Water Stress on the Translocation of Photosynthetically Assimilated Carbon-14 in Yellow-Poplar." The committee to conduct the examination consists of Professors P. J. Kramer, E. S. Harrar, C. W. Ralston, F. W. Woods, and A. W. Naylor. Professor Kramer will preside.

GOOD FRIDAY MUSIC SERVICE

At a special Good Friday Service, the Divinity School Choir, under the direction of Professor John Hanks, will present "The Passion According to St. Matthew," by Thomas L. deVictoria, in York Chapel, The Divinity School, at 10:10 a.m.

Divinity School students taking solo parts are Douglass Gilbert, George Mullinix, Tracy Maness, Thomas Danek, Cecil Brown and James Prevatt. Miss Helen Kendall is the Chapel organist.

The University Community and general public are cordially invited to attend.

GOOD FRIDAY CRUCIFIXION SERVICE

The Three-Hour Crucifixion Service will be conducted in the Duke Chapel on Friday, April 12, beginning at 12:00 o'clock noon. Services of worship within the over-all Crucifixion theme will be conducted around the "Seven Last Words of Christ from the Cross." Members of the Religious Life Staff will serve as presiding ministers of the various cycles. The seven speakers who are scheduled to deliver meditations based upon the Words from the Cross, and the order in which they come are as follows:

- First Word—Dean Jane Philpott, Botany
Second Word—Dean Walter J. Seeley, Engineering
Third Word—Mr. John M. Dozier, Business Manager
Fourth Word—Dr. Pelham Wilder, Jr., Chemistry
Fifth Word—Dr. John M. Rhoads, Psychiatry
Sixth Word—Mr. John D. Johnston, Jr., Law
Seventh Word—Dr. James L. Price, Jr., Religion

Special music will be presented for each "Word," under the direction of Professor Paul Young. Worshipers are invited to remain for the entire three-hour period, or they may come when possible and depart when necessary.

ZOOLOGY AND BOTANY JOINT SEMINAR

The Departments of Zoology and Botany will hold a joint seminar on Friday, April 12th in the auditorium of the Biological Sciences Building at 4:15 p.m. Dr. R. Bruce Nicklas from the Department of Biology, Yale University, will speak on "Chromosome Movement in Mitosis: Physical Principles and Cytological Realities." Coffee and tea will be served in the foyer at 4:00 p.m. preceding the seminar.

SENIOR PIANO RECITAL CAROL WILLIAMS

The Department of Music will present a senior recital by Carol Williams, pianist, on Friday, April 12th at 8:15 p.m. in the Music Room, East Duke Building. Miss Williams is a student of Professor Loren Withers. The University Community and the general public are cordially invited to attend. The program will be as follows:

Chromatic Fantasy and Fugue	Bach
Sonata in C Major, Opus 53 (Waldstein)	Beethoven
Allegro con brio	
Introduzione: Adagio molto	
Rondo: Allegretto moderato	

INTERMISSION

Jeux d'Eau	Ravel
Ballade in F Major, Opus 38	Chopin

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Richard Henry Wagner for the Ph.D. degree in Botany will be held on Saturday, April 13th, at 10:30 a.m. in Room 140, Biological Sciences Building. The subject of Mr. Wagner's dissertation is "The Ecology of *Uniola paniculata* L. in the Dune-Strand Habitat of North Carolina." The committee to conduct the examination consists of Professors H. J. Oosting, R. L. Wilbur, P. J. Kramer, T. W. Johnson, and D. A. Livingstone. Professor Oosting will preside.

CHAMBER ARTS SOCIETY NEW YORK STRING SEXTET

The Chamber Arts Society announces the sixth and final concert of its season, to be played by the **New York String Sextet**, Saturday, April 13th in the Music Room, East Duke Building, at 8:15 p.m. The musicians are Renato Bonacini and Kees Kooper (Violins), Paul Doktor and Emile Simonel (Violas), Janos Scholz and George Koutzen (Cellos). The program follows:

Mozart	Quintet in G Minor, K. 516 (two violas)
Borodin	Allegro in D major for Sextet
Quincy Porter	Sextet on Slavic Folk tunes
Brahms	Sextet No. 2 in G major, Opus 36

Admission: by Chamber Arts Society Membership Card, or by single-admission **Guest Card** costing \$2.50. About 100 Guest Cards are available and may be obtained at the door of the Music Room on the evening of the concert, from 7:30 p.m. to 8:00 p.m.

The Chamber Arts Society is a non-profit organization; membership is open to all persons. For further information address Chamber Arts Society c/o Ernest W. Nelson, Box 6065 College Station, Durham, North Carolina.

OFFICIAL EXAMINATION SCHEDULE

Spring Semester 1963

ANY STUDENT WISHING TO PARTITION FOR RELIEF FROM THREE EXAMINATIONS WITHIN TWENTY-FOUR HOURS OR TWO EXAMINATIONS AT THE SAME TIME MUST REPORT TO HIS DEAN'S OFFICE **NOT LATER THAN MAY 5, 1963** TO REQUEST A CHANGE IN SCHEDULE.

Thursday May 16	7:00- 8:00 p.m.	Physical Education
Friday May 17	Reading Period	No examination scheduled
Saturday May 18	9:00-12:00 noon 2:00- 5:00 p.m.	MWF 1 TTS 2 & Philosophy 42
Monday May 20	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	TTS 3 Political Science 12, 62 Chemistry 2
Tuesday May 21	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	MWF 5 Economics 58 & All Language 2 French, Spanish 64
Wednesday May 22	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	Mathematics 21, 22, 42 TTS 4 Psychology 91
Thursday May 23	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	TTS 1 Air Science TTS 6
Friday May 24	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	English 1 and 2 Naval Science Physics 2 and 42
Saturday May 25	9:00-12:00 noon 2:00- 5:00 p.m.	Botany 2 MWF 2 and Engineering 2.5-2.8
Monday May 27	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	Philosophy 48 Economics 52 History 2, 2X, 6
Tuesday May 28	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	MWF 6 Religion 2, 2X MWF 4
Wednesday May 29	9:00-12:00 noon 2:00- 5:00 p.m.	Engineering 2.1-2.4 MWF 3 and TTS 5

Engineering courses, other than Engineering 2, will meet for examination at the regular class periods. Chemistry (except Chemistry 2) and Zoology classes meet for examination at the time scheduled for their general lecture period.

ANY EXAMINATION NOT COVERED IN THE FOREGOING SCHEDULE IS TO BE ARRANGED BY THE INSTRUCTOR IN CHARGE OF THE COURSE IN THE PERIOD BEGINNING May 18, 9:00 a.m. AND ENDING May 29, 5:00 p.m. NO EXAMINATION IS TO BE GIVEN BEFORE 9:00 a.m., May 18, WITH THE EXCEPTION OF PHYSICAL EDUCATION. NO CHANGE IS TO BE MADE IN ANY SCHEDULED EXAMINATION WITHOUT THE APPROVAL OF THE COMMITTEE.

University Schedule Committee

ROBERT MUSIL EXHIBITION

The Department of Germanic Languages and Literature announces a Robert Musil Exhibition now ready for viewing in the Woman's College Library. The exhibition may be seen until Friday, April 12th and is open to the public without charge. The Robert

Musil Exhibition, a loan exhibition from the Austrian Cultural Institute in New York, is an exhibition of letters, documents, manuscripts, books and pictures of the Austrian writer Robert Musil (1880-1942) who is recognized as one of the greatest German prose writers of the first fifty years of this century.

ART EXHIBITIONS

The Department of Art and the Student Union announce a showing, "For Young Collectors" from Ferdinand Roten, Inc., an exhibition of lithographs and etchings by major twentieth Century artists designed to acquaint the young collector with original works of art that can be purchased at a very modest price. This exhibition will be held on both campuses in order that the greatest variety of works will be available for both viewing and possible purchase. Works by such noted modern masters as Marc Chagall, Picasso, Clave, Miro, and Matisse are included in this exhibit and may be seen from now until Sunday, April 14th on East Campus and until Thursday, April 26th on West Campus.

Purchase of the works in the Alumni Lounge, West Union Building, may be made through the Student Activities Office 202-A Flowers Building; those in the Woman's College Gallery in the Art Department Office in Asbury Building.

DUKE UNIVERSITY EUROPEAN GROUP TRAVEL PLAN

There will be opportunities again this summer for members of the Duke University Community to avail themselves of a group discount fare (plane) to Europe.

Full details may be obtained in 202-A Flowers Building or by calling Extension 2911.

ADVANCE NOTICE EASTER SUNRISE SERVICE

The Special Observances Committee of the Duke University Religious Council is sponsoring a Sunrise Service on Easter Day, beginning at 7:00 A.M., in the Sarah P. Duke Memorial Gardens. The preacher who is scheduled to deliver the sermon is the Reverend Julius Corpening, Pastor of Temple Baptist Church. In case of rain, the service will be moved to the Divinity School Chapel.

EASTER SERVICES

Identical services in the Duke Chapel will be conducted at 9:00 and 11:00 A.M. on Easter Sunday. The preacher who will deliver the Easter meditation at both services is the Reverend Professor James T.

Cleland, Dean of the Chapel. Special Easter music will be presented by the Chapel Choir, under the direction of Professor Paul Young.

ADVANCE NOTICE S. U. YOUNG ARTISTS SERIES PRESENTS MIRIAM MAKEBA

Miriam Makeba, South African folk singer, will be presented in concert as the last performer in the Student Union's Young Artists Series on Tuesday, April 16th at 8:15 p.m. in Page Auditorium. General admission tickets will be priced at \$1.00 for adults and \$.50 for children (twelve years old and younger).

Miss Makeba, a young Xosa tribeswoman from Prospect Township, Johannesburg, South Africa and a favorite performer in her native country, is a unique blending of singer, actress and visual historian of a great culture. She will be remembered for her featured role in the film, "Come Back Africa," which received the 1959 film Critic's Award.

Her performance in this film caught the attention of television's Steve Allen who was instrumental in bringing her to the United States where she now has an enthusiastic following. Harry Belafonte helped immeasurably in establishing Miss Makeba as a top artist in her field by featuring her on his national tour of the United States. Her songs convey all the intense emotion of a land undergoing great change and range from rousing Zulu chants to bouncy West Indian ballads—from a great variety of songs in many languages.

ADVANCE NOTICE GOTHIC BOOKSHOP SPRING AUCTION

The big Spring Auction of the Gothic Bookshop will be held on Wednesday, April 17th, from 6:30 to 10:30 p.m. in Room 208 Flowers Building.

There will be offered a great variety of scarce and desirable books, including notable first editions and many books handsomely bound in leather, from the 17th Century to our own times—also a selection of choice prints and drawings and 10 magnificent old maps.

All the 190 lots to be auctioned will be on display in Room 208 Flowers Building (directly above the Gothic Bookshop) from 9:00 a.m. on the day of the auction.

ADVANCE NOTICE HONORS CONVOCATION

On Thursday, April 18th at 8:15 p.m., the second Honors Convocation will be held in the Woman's College Auditorium. The main speaker will be Professor Raphael Demos, who has just finished forty-five years of distinguished service at Harvard University. Noted for his Socratic questioning and his work on the philosophy of Plato, Professor Demos has chosen the subject, "What Is Wrong with Liberal Education?"

WEEK OF
April 14-20, 1963

CALENDAR OF

WEEK OF
April 14-20, 1963

DUKE UNIVERSITY



Events of the Week

Sunday, April 14

- 7:00 a.m. Easter Sunrise Service. Sarah P. Duke Gardens. Rain—York Chapel.
Denominational Meetings. See Special notice.
9:00 and 11:00 a.m. University Service of Worship, University Chapel. Preacher: The Reverend Professor James T. Cleland, Dean of the Chapel.
10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.
4:00 p.m. The Department of Music Easter Program. University Chapel.

Monday, April 15

- 10:30 a.m. The final examination of Mr. Thomas E. Holland for the Ph.D. degree in Economics. Library Conference Room (105).
1:00 p.m. The final examination of Mr. R. J. Parkinson for the Ph.D. degree in History. Library Conference Room.
3:15 p.m. The final examination of Mr. David Scott for the Ph.D. degree in Botany. Room 140 Biological Sciences Building.
4:15 p.m. Zoology Seminar. Auditorium of the Biological Sciences Building. Speaker: Dr. H. W. Mossman.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
5:15 p.m. Faculty Volleyball. Indoor Stadium.
7:00 p.m. Duke Men's Golf Association bar-b-que and meeting. Turnage's Bar-b-que Place, 604 Morreene Road.
7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

- 8:15 p.m. Five Evenings with Iain Hamilton. Seminar: "The Contemporary Arts—Common Denominators." Music Room, East Duke Building.

Tuesday, April 16

- 10:10 a.m. Divinity School Chapel. Your Chapel. Professor James M. Efird.
12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
3:00 p.m. Varsity Tennis. Duke versus Indiana. West Courts.
4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.
8:15 p.m. Student Union Young Artists Series: MIRIAM MAKEBA. Page Auditorium.

Wednesday, April 17

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor James M. Efird.
12:50 p.m. NROTC Meeting. Biological Sciences Auditorium. Speaker: Admiral Edmund B. Taylor, USN.
3:00 p.m. Lacrosse. Duke versus Maryland. Freshman Field.
4:00 p.m. Department of Religion Public Lecture: Dr. Franklin H. Littell. Room 117 Social Science Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

- 4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building (Auditorium). Speaker: Dr. Howard J. Arnott.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:30 p.m. Trinity College Historical Society Dinner Meeting. Men's Graduate Center. Speaker: Dr. Kenneth Robinson.
- 6:30-7:30 p.m. Pi Sigma Alpha Open Forum: "The Challenge of Change." Woman's College Auditorium. Speakers: The Honorable Robert W. Barnett and Dr. Robert L. Humber.
- 6:30 p.m. Gothic Bookshop Auction. Room 208 Flowers Building.
- 6:30 p.m. National Association of College and University Chaplains Annual Banquet. Union Ballroom.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "A NIGHT AT THE OPERA" with The Marx Brothers (Groucho, Harpo, and Chico) and Kitty Carlisle. One of the comedy film classics of all time. "Will make you laugh till you're limp."—N. Y. Post.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

Thursday, April 18

- 10:00 a.m. Newcomers Club Business Meeting and Coffee. Home of Mrs. Lionel Stevenson, 3106 Devon Road, Hope Valley.
- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. B. M. Carden.
- 1:30 p.m. Department of Political Science "Conference on Teaching Political Science." Moot Court Room—Law School. (See special notice)
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 5:30 p.m. Phi Beta Kappa Spring Initiation and dinner. Union Ballroom.
- 8:00 p.m. Everett Wesley Hall Philosophy Lecture. Room 213 Caldwell Hall, Chapel Hill.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Duke University Honors Convocation. Woman's College Auditorium. Speaker: Raphael Demos, Professor Emeritus, Department of Philosophy, Harvard University.

Friday, April 19

Woman's College Parents Weekend. April 19th-21st.

- 10:10 a.m. Divinity School Chapel. York Chapel. Installation Service for new Student Government Officers.
- 2:00-5:30 p.m. Graduate English Club Seminar. Room 208 Flowers Building.

- 3:00 p.m. Varsity Baseball. Duke versus University of Maryland. Baseball Field.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their mothers.
- 8:00 p.m. International Club Folk Dancing. "The Ark"—East Campus.
- 8:15 p.m. Monteverdi Opera Ballet; "Combattimento di Tancredi et Clorinda." William Klenz, Director; John Hanks, Tenor solo; Terpsichorean Club. Branson Hall.

Saturday, April 20

- 2:00 p.m. Varsity Track. Duke-Durham Relays. Stadium Track.
- 2:00 p.m. Varsity Baseball. Duke versus University of Virginia. Baseball Field.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "A NIGHT AT THE OPERA" with The Marx Brothers (Groucho, Harpo, and Chico) and Kitty Carlisle. One of the comedy film classics of all time. "Will make you laugh till you're limp."—N. Y. Post.
- 8:15 p.m. Women's Glee Club Spring Concert. Woman's College Auditorium.
- 8:15 p.m. Monteverdi Opera Ballet; "Combattimento di Tancredi et Clorinda." William Klenz, Director; John Hanks, Tenor solo; Terpsichorean Club, Branson Hall.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Professor James T. Cleland, Dean of the Chapel, will present Meditation for Easter at both Services of Worship on Easter Sunday, April 14th at 9:00 and 11:00 a.m. in the University Chapel. The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister.

Brass Choir Preludes
Organ Prelude—Grande Choeur Dialogue *Gigout*
Processional Hymn—"Christ the Lord Is Risen" *From Lyra Davidica*

Easter Versicles
The Pastoral Prayers of Adoration, Confession, Intercession and Supplication
The Lord's Prayer
Anthems—"Surely He Hath Borne Our Griefs" *Handel*
Scripture Lesson
Anthem—"Have Ye Not Known?" *Thompson*
From *The Peaceable Kingdom*

Call to Prayer
A Litany of Thanksgiving
The Offertory
Offertory Organ Interlude—Chorale-Prelude, "Alleluiah" *Healey Willan*
Anthem—"Libera Me" from *Requiem* *Fauré*
Response—The Doxology
Prayer of Dedication

Meditation for Easter
Prayer
Hymn—"O For A Thousand Tongues To Sing" *Carl G. Glaser*
Benediction
The Sevenfold Amen *Stainer*
The Chimes
Organ Postlude—"Toccata" from *Symphony I* *Widor*

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Wednesday, 5:30 P.M., Center, Worship. Friday, April 19, through Sunday, April 21, at Mars Hill, N. C., State Baptist Student Union Leadership Conference. Register by April 17th (Wednesday), at the Baptist Student Center. All interested Baptist students are urged to attend.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., East Duke Chapel.

EPISCOPAL UNIVERSITY CENTER: Monday, 7:10 A.M. and 5:30 P.M., Center, Holy Communion; 7:00 P.M., Center, Seminar—"The Church in a Post-Christendom World." Tuesday, 7:10 A.M. and 5:30 P.M., Center, Holy Communion. Wednesday, 7:10 A.M. and 5:30 P.M., Center, Holy Communion. Thursday, 5:15 P.M., Center, Inquirer's Class. Friday, 3:00 P.M., Seminar on Orthodoxy (Dr. Bush).

LUTHERAN STUDENT ASSOCIATION: Easter Sunday, 6:30 P.M., Grace Lutheran Church, Discussion of S. E. Regional LSA Conference Theme—"Word, World and Sacrament." Wednesday, 7:15 A.M., Holy Communion, Memorial Chapel of Duke Chapel. Friday, 1:00 P.M., Leave for LSA S. E. Regional "Little Ashram" Conference near Columbia, S. C. Return at approximately 5:00 P.M. on Sunday. No LSA on April 21.

METHODIST CENTER: Easter Sunday, 9:30 A.M., Center, Seminar—"The Renewal of the Church"; 6:00 P.M., Holy Communion, incorporating a reading of "The Mystery of the Cross," by Cynewulf (18th Century). Wednesday, 6:00 P.M., Center, Holy Communion. On Sunday, April 21, at 8:30 A.M., there will be a Communion Breakfast at the Methodist Center for parents and students on campus for Parents' Weekend. Those planning to attend should call the Center by Friday noon.

Applications are now being accepted for the Community of Lay Scholars, a lay theological education community. Those interested in participating next year should contact Chaplain Jack Carroll at the Methodist Center (286-9230) or Miss Barbara Benedict (ext. 2909). The Community is open to all students.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 5:30 P.M., Westminster House, Vespers and supper.

EASTER SUNRISE SERVICE

The Special Observances Committee of the Duke University Religious Council is sponsoring a Sunrise Service on Easter Day, beginning at 7:00 A.M., in the Sarah P. Duke Memorial Gardens. The preacher who is scheduled to deliver the sermon is the Reverend Julius Corpening, Pastor of Temple Baptist Church. In case of rain, the service will be moved to the Divinity School Chapel.

EASTER MUSIC AFTERNOON PROGRAM

The Department of Music will present a program of music appropriate to the Easter season on Easter Sunday, April 14th at 4:00 p.m. in the Duke Chapel. Among the numbers to be presented will be two choral

works composed and conducted by William Klenz of the Department of Music. They are "Easter Oratorio (1962)" based on texts from the New Testament and set for chorus, narrator, brass ensemble, organ and bells; and "Te Deum" written for organ and brass which will be given its first local performance on this occasion. Written by Dr. Klenz in 1943 while on duty in England, it was used by the British Broadcasting Corporation for the broadcasts observing the end of the European conflict. It was, also, performed by the Radiodiffusion Francaise for their Easter services in 1945. The chorus consists of voices assembled for this occasion. The University Community and the general public are cordially invited to attend. The program will be as follows:

Music by Brass Ensemble (from the Crypt)

Paul Bryan—Conductor

Lynn Russell, Haviland Abbot, Ronald Vaughan—Trumpets

Ben Peek, John Foltz, Andy Smith, Robert Trickey, Thomas

Anderson—Trombones

James Rivera—Tuba

Te Deum

William Klenz

Lynn Russell, Haviland Abbot, Ronald Vaughan—Trumpets

Ben Peek, John Foltz, Andy Smith—Trombones

Mildred Hendrix—Organist

Easter Oratorio (1962) Chorale: "Christ ist erstanden"
(from the Carillon)

Donald Hand—Carillonneur

Easter Oratorio (1962)

William Klenz

Michael Best—Tenor

Brass Ensemble

Frank Bennett—Bells

Mildred Hendrix—Organist

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Thomas E. Holland for the Ph.D. degree in Economics will be held on Monday, April 15th at 10:30 a.m. in the Library Conference Room (105). The subject of Mr. Holland's dissertation is "Forecasting Interest Rate Movement: Time Series Analyses and Functional Relationships." The committee to conduct the examination consists of Professors W. P. Yohe, C. E. Ferguson, C. B. Hoover, F. A. Hanna, and J. Harris Proctor. Professor Yohe will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. R. J. Parkinson for the Ph.D. degree in History will be held on Monday, April 15th at 1:00 p.m. in the Library Conference Room. The subject of Mr. Parkinson's dissertation is "Politics, Patents and Planes: Military Aeronautics in the United States 1863-1907." The committee to conduct the examination consists of professors I. B. Holley, R. L. Watson, Joel Colton, J. S. Curtiss, and S. C. Henry. Professor Holley will preside.

NROTC ADDRESS

ADMIRAL TAYLOR TO SPEAK ON ASW

Vice Admiral Edmund B. Taylor, USN, Commander, Antisubmarine Warfare Force, U.S. Atlantic Fleet will address the NROTC Unit on Wednesday, April 17th at 12:50 p.m. in the Biological Sciences Auditorium. His subject will be "Antisubmarine Warfare." Interested faculty members and students are cordially invited to attend.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, April 15th, in the Auditorium of the Biological Sciences Building at 4:15 p.m. Dr. H. W. Mossman from the Department of Anatomy, University of Wisconsin, Madison, Wisconsin, will speak on "Follicles and Corpora Lutea Are Not All." Coffee and tea will be served in the foyer at 4:00 p.m.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. David Scott for the Ph.D. degree in Botany will be held on Monday, April 15th at 3:15 p.m. in Room 140 Biological Sciences Building. The subject of Mr. Scott's dissertation is "The Standing Crop and Productivity of Alpine Tundra in Relation to Environmental Factors." The committee to conduct the examination consists of Professors W. D. Billings, H. J. Oosting, L. E. Anderson, A. W. Naylor, and C. W. Ralston. Professor Billings will preside.

DUKE MEN'S GOLF CLUB BAR-B-QUE AND MEETING

The Duke Men's Golf Club will hold a barbecue and meeting at TURNAGE'S BAR-B-QUE PLACE, 604 Morreene Road, at 7:00 p.m. on Monday, April 15th.

DUKE MEN'S GOLF CLUB

The Duke Men's Golf Club is a recently organized group, the purpose of which is to encourage and stimulate friendships and good fellowship among the golfing faculty and staff of the University and other friends of Duke who enjoy the facilities of the Duke Golf Course. Already 65 have joined and will participate in inter-club matches that will be arranged with other clubs nearby. Interested applicants are encouraged to complete an application form and mail it with a check for \$10.00 (payable to the Duke Men's Golf Club) to Charles H. Frenzel, 1140 Duke Hospital. The application then will be referred to the membership committee for consideration.

Questions concerning the club may be submitted to Paul Meyer, Chairman (EXT. 2524), Professor Bill Ralston, Membership Committee Chairman, or Cy Matheson, Membership Committee Co-Chairman (Ext. 2123).

FIVE EVENINGS WITH IAIN HAMILTON

The Department of Music will present the concluding program in the series, "Five Evenings With Iain Hamilton," on Monday, April 15th, at 8:15 p.m. in the Music Room, East Duke Building. The occasion will feature a panel discussion entitled "The Contemporary Arts—Common Denominators" by Edith London, Dana Ripley and Mr. Hamilton. Mrs. London, an artist whose work has been exhibited in Paris and this country, has been the recipient of various honors including two purchase awards from the North Carolina Museum of Art. A faculty member in the Department of Romance Languages, Dr. Ripley has done research and writing in medieval French literature; his interests also lie in French literature of the nineteenth and twentieth centuries. Mr. Hamilton, Mary Duke Biddle Professor of Music, has composed extensively, his works having been performed both in this

country and in Europe. The University Community and the general public are cordially invited to attend.

S. U. YOUNG ARTISTS SERIES PRESENTS MIRIAM MAKEBA

Miriam Makeba, South African folk singer, will be presented in concert as the last performer in the Student Union's Young Artists Series on Tuesday, April 16th at 8:15 p.m. in Page Auditorium. General admission tickets will be priced at \$1.00 for adults and \$.50 for children (twelve years old and younger).

Miss Makeba, a young Xosa tribeswoman from Prospect Township, Johannesburg, South Africa and a favorite performer in her native country, is a unique blending of singer, actress and visual historian of a great culture. She will be remembered for her featured role in the film, "Come Back Africa," which received the 1959 film Critic's Award.

Her performance in this film caught the attention of television's Steve Allen who was instrumental in bringing her to the United States where she now has an enthusiastic following. Harry Belafonte helped immeasurably in establishing Miss Makeba as a top artist in her field by featuring her on his national tour of the United States. Her songs convey all the intense emotion of a land undergoing great change and range from rousing Zulu chants to bonney West Indian ballads—from a great variety of songs in many languages.

DEPARTMENT OF RELIGION PUBLIC LECTURE

The University Community is cordially invited to a lecture to be given by Dr. Franklin H. Littell, Professor of Church History, the University of Chicago. Formerly the advisor of German Religious Affairs to General Lucius Clay during the period of allied occupation, Dr. Littell will speak on the topic: "Religious Liberty and the American Establishments" at 4:00 p.m. on Wednesday, April 17th, in Room 117 Social Science Building.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, April 17th, at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium) West Campus. Dr. Howard J. Arnott, Assistant Professor of Biology, Northwestern University will speak on "Dichotomous Vasculation."

Dr. Arnott received his undergraduate training at the University of Southern California and his Ph.D. at the University of California, Berkeley. He has worked on the morphology, anatomy and reproductive cycle of *Yucca* and more recently has carried out extensive studies on venation in many plants.

Refreshments will be served at 4:00 p.m.

TRINITY COLLEGE HISTORICAL SOCIETY

The Trinity College Historical Society will hold its fifth meeting on Wednesday, April 17th, at 5:30 p.m., at the Men's Graduate Center. The Society is especially fortunate to have as its speaker for the evening Professor Kenneth Robinson, Director of the Institute of Commonwealth Studies and Professor of Commonwealth Affairs of the University of London. Professor Robinson was educated at Hertford College, Oxford,

finishing with a 1st Class P.P.E. and 1st Class Modern History and as Beit Senior Scholar in Colonial History. He served in the Colonial Office from 1936-1948, becoming Assistant Secretary in 1946. He taught at Oxford from 1948-1957 and since then has been in his present position at the University of London. His topic is "British Colonial Policy Between the Wars: Institutions." Wives are cordially invited to attend.

PI SIGMA ALPHA OPEN FORUM "THE CHALLENGE OF CHANGE"

Pi Sigma Alpha, political science honorary, announced an open forum discussion with addresses by the Honorable Robert W. Barnett and Dr. Robert L. Humber on Wednesday, April 17th, at 6:30 p.m. in the Woman's College Auditorium. The program, entitled "The Challenge of Change," will feature an address on "The Challenge of Economic Changes" by Mr. Barnett and one on "The Challenge of Political Changes" by Dr. Humber. The University Community is cordially invited to hear the addresses and to participate in the open discussion which will follow.

Mr. Barnett, a career diplomat in the U.S. Department of State, is currently Deputy Assistant Secretary for Far Eastern Economic Affairs. He has previously served as Economic Counselor at the Hague, Deputy Director of the Foreign Economic Staff, and Director, Office of European Regional Affairs. Mr. Barnett will emphasize the European Common Market in his address.

Dr. Humber is currently a member of the North Carolina State Senate. He has devoted much of his time and resources working for world peace and educational and cultural advancement. Formerly, an international lawyer in France for ten years, Dr. Humber will pay special attention to the possibilities of limited world law.

GOthic BOOKSHOP SPRING AUCTION

The big Spring Auction of the Gothic Bookshop will be held on Wednesday, April 17th, from 6:30 to 10:30 p.m. in Room 208 Flowers Building.

There will be offered a great variety of scarce and desirable books, including notable first editions and many books handsomely bound in leather, from the 17th Century to our own times—also a selection of choice prints and drawings and 10 magnificent old maps.

All the 190 lots to be auctioned will be on display in Room 208 Flowers Building (directly above the Gothic Bookshop) from 9:00 a.m. on the day of the auction.

PHI BETA KAPPA SPRING INITIATION

Phi Beta Kappa will hold its annual spring initiation and dinner on Thursday, April 18th, at 5:30 p.m. in the Union Ballroom, West Campus. Reservations for the dinner must be sent to the Acting Secretary, Professor J. H. Proctor, 103 Carr Building, before noon on Tuesday, April 16th. Those to be initiated will report at 5:15 p.m. in Room X-204 Union Building. After dinner, the chapter will participate in the Awards Convocation in the Woman's College Auditorium.

CONFERENCE ON TEACHING POLITICAL SCIENCE

The Department of Political Science will present a "CONFERENCE ON TEACHING POLITICAL SCIENCE" from Thursday through Saturday, April 18th through 20th. The schedule follows:

THURSDAY, APRIL 18

Afternoon Session

Moot Court Room—Law School
Chairman: Robert H. Connery

1:30 p.m.—IN ANCIENT GREECE AND MODERN AMERICA. William Anderson, University of Minnesota
Panel: Edgar Brookes, University of Natal, Charles S. Hyneman, Indiana University, James W. Prothro, University of North Carolina

3:00 p.m.—THROUGH BRITISH EYES. Edgar Brookes, University of Natal

Panel: Shepard Jones, University of North Carolina, William S. Livingston, University of Texas, Joseph Taylor, North Carolina College

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Evening Session

Flowers Building—Room 208
Chairman: Robert R. Wilson

8:00 p.m.—THIS IS WHERE I CAME IN: AN AUTOBIOGRAPHICAL INDISCRETION. Lindsay Rogers, Columbia University

Panel: Robert H. Connery, Duke University, John Gaus, Harvard University, J. Woodford Howard, Duke University

FRIDAY, APRIL 19

Morning Session

Moot Court Room—Law School
Chairman: Taylor Cole

9:30 a.m.—THE BEHAVIORAL APPROACH. Avery Leiserson, Vanderbilt University

Panel: Lindsay Rogers, Columbia University, Warner Moss, College of William and Mary, Allan P. Sindler, Duke University

11:00 a.m.—PRACTICAL EXPERIENCE: A MEMOIR. John Gaus, Harvard University

Panel: Chester Bain, University of South Carolina, Margaret Ball, Wellesley College, Wiley Hodges, The Citadel

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Afternoon Session

Moot Court Room—Law School
Chairman: Robert S. Rankin

1:30 p.m.—TEACHING WOMEN. Margaret Ball, Wellesley College

Panel: Roma Cheek, Duke University, Earl Latham, Amherst College, William Simpson, Duke University

3:00 p.m.—CRITICAL LEARNING EXPERIENCES. Charles S. Hyneman, Indiana University

Panel: William Block, North Carolina State College, Andrew Scott, University of North Carolina, Herman Walker, Duke University

SATURDAY, APRIL 20

Morning Session

Moot Court Room—Law School
Chairman: Ralph Braibanti

9:30 a.m.—THE PROBLEM OF NUMBERS. William S. Livingston, University of Texas

Panel: William Anderson, University of Minnesota, Fred Cleveland, University of North Carolina, Richard H. Leach, Duke University

11:00 a.m.—THE SUPERIOR STUDENT. Earl Latham, Amherst College

Panel: J. Woodford Howard, Duke University, Avery Leiserson, Vanderbilt University, C. H. Richards

2:00 p.m.—Conference Adjourns

EVERETT WESLEY HALL PHILOSOPHY LECTURE

Professor Wilfred Sellars of Yale University will present another lecture in the series of lectures in

honor of Everett Wesley Hall on Thursday, April 18th at 8:00 p.m. in Room 213 Caldwell Hall, Chapel Hill. His topic will be "Intentionalistic Realism." Members of the University Community are cordially invited.

HONORS CONVOCATION

On Thursday, April 18th at 8:15 p.m., the second Honors Convocation will be held in the Woman's College Auditorium. The main speaker will be Professor Raphael Demos, who has just finished forty-five years of distinguished service at Harvard University. Noted for his Socratic questioning and his work on the philosophy of Plato, Professor Demos has chosen the subject, "What Is Wrong with Liberal Education?"

WOMAN'S COLLEGE PARENTS' WEEKEND

The Annual Woman's College Parents' Weekend, sponsored by the YWCA, will be held on Friday, Saturday, and Sunday, April 19th, 20th, and 21st. The schedule of events is as follows:

Friday, April 19th

Coffee in each dormitory for parents, faculty, and students.
Saturday, April 20th

11:30 a.m.—Panel Discussion: "Student-Staff Dialogue: The Meaning and Importance of Grades." Music Room, East Duke Building.

1:00 p.m.—Luncheon. Woman's College Union.

3:30-5:30 p.m.—Garden Party. Sarah P. Duke Memorial Gardens.

8:15 p.m.—Women's Glee Club Concert. Woman's College Auditorium.

Sunday, April 21st

11:00 a.m.—University Service of Worship. University Chapel.
Preacher: The Reverend Howard C. Wilkinson.

STUDIO OPERA "COMBATIMENTO DI TANCREDI ET CLORINDA"

The Department of Music will present a ballet opera, "Combatimento di Tancredi et Clorinda," by Monteverdi on Friday and Saturday evenings, April 19th and 20th, at 8:15 p.m. in Branson Hall. Directed by William Klenz, the performance will feature Claudia Bray, Soprano; John Hanks and Michael Best, Tenors; and the Terpsichorean Club under the direction of Jean Thompson. Selections by Giovanni Maria Bononcini will, also, be presented. The University Community and the general public are cordially invited to attend.

DUKE UNIVERSITY EUROPEAN GROUP TRAVEL PLAN

There will be opportunities again this summer for members of the Duke University Community to avail themselves of a group discount fare (plane) to Europe.

Full details may be obtained in 202-A Flowers Building or by calling Extension 2911.

FACULTY SUMMER RESEARCH FELLOWSHIPS

Seven faculty research fellowships for the summer of 1964 are available through the University Research Council. Members of the Arts and Sciences and Engineering faculties of the rank of Associate Professor or Assistant Professor are eligible to apply. Further

information may be secured from departmental chairmen, and application forms may be secured in the History Office, 236 Allen Building. Applications must be received by Saturday, May 11th.

SPRING CONCERT WOMEN'S GLEE CLUB

The Annual Spring Concert by the Duke University Women's Glee Club will be held on Saturday, April 20th, at 8:15 p.m. in the Woman's College Auditorium. The admission fee will be \$1.00. The program is as follows:

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| 1. How merrily we live
A Country Paire | Michael Este
Thomas Weekes |
| 2. Stabat Mater | Giovanni Pergolesi |
| 3. Country Girls
Holiday Song | Benjamin Britten
William Schuman |
| 4. The Miller's Daughter
The Nun
Roses Are Blooming | Johannes Brahms
Johannes Brahms
Johannes Brahms |
| 5. I'm So Glad Trouble Don't Last Away
Jack o'Diamonds
I wonder when I shall be married
Lonesome Valley
What I have promised
One Flower Grows Alone In Your Garden
Oh Rise, Shine! | Nathaniel Dett
John Jacob Niles
Marshall Bartholomew
George Lynn
Marshall Bartholomew
Sigmund Romberg
Carl Parrish |
| 6. Cert 'n'y Lord
I know where I'm goin' | George W. Kemmer
John Moore |

ART EXHIBITIONS

The Department of Art and the Student Union announce a showing, "For Young Collectors" from Ferdinand Roten, Inc., an exhibition of lithographs and etchings by major twentieth Century artists designed to acquaint the young collector with original works of art that can be purchased at a very modest price. This exhibition will be held on both campuses in order that the greatest variety of works will be available for both viewing and possible purchase. Works by such noted modern masters as Marc Chagall, Picasso, Clave, Miro, and Matisse are included in this exhibit and may be seen from now until Sunday, April 14th on East Campus and until Thursday, April 26th on West Campus.

Purchase of the works in the Alumni Lounge, West Union Building, may be made through the Student Activities Office 202-A Flowers Building; those in the Woman's College Gallery in the Art Department Office in Asbury Building.

ADVANCE NOTICE TERPSICHOEAN SPRING CONCERT

The Terpsichorean Modern Dance Club will present its annual Spring Concert on Wednesday and Thursday, April 24th and 25th at 8:15 in the Woman's College Auditorium. The theme will be "Americana—Past and Present." The University Community and the general public are cordially invited to attend. No admission will be charged.

ADVANCE NOTICE GRADUATE GERMAN EXAMINATION

The German Examinations for candidates for graduate degrees will be given on Monday through Friday, April 29th-May 3rd. Candidates should register in the Graduate School Office for this examination not later than Wednesday, April 17th.

WEEK OF
April 21-27, 1963

CALENDAR

WEEK OF
April 21-27, 1963

OF DUKE UNIVERSITY



Events of the Week

Sunday, April 21

Denominational Meetings. See Special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship, University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon: "Maturity, According to the Bible and Freud." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, April 22

2:00 p.m. The final examination of Mr. Edward B. Jones for the Ph.D. degree in History. Conference Room of the Library.

4:15 p.m. Zoology Seminar. Auditorium of the Biological Sciences Building. Speaker: Dr. Melvin L. Moss.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15 p.m. Faculty Volleyball. Indoor Stadium.

8:15 p.m. North Carolina Symphony Orchestra Concert. Page Auditorium.

8:15 p.m. Duke International Law Society Meeting. Courtroom of the Law School. Speaker: Albert Van Houtte, Clerk of the Court of Justice of the European Communities.

Tuesday, April 23

10:10 a.m. Divinity School Chapel. York Chapel. Professor Richard A. Goodling.

12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

2:00 p.m. The final examination of Mr. Birdsall S. Viault for the Ph.D. degree in History. Conference Room of the Library.

3:00 p.m. Varsity Baseball: Duke versus UNC. Coombs Field.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

6:15 p.m. S. U. Medieval Banquet. Gothic Room.

6:30-7:30 p.m. InterVarsity Christian Fellowship. Music Room, East Duke Building. Speaker: Charles Wellborn, Graduate School of Religion.

7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.

Wednesday, April 24

9:30 a.m. The final examination of Mr. John Richard Thompson for the Ph.D. degree in Zoology. Room 225 Biological Sciences Building.

10:10 a.m. Divinity School Chapel. York Chapel. Professor Richard A. Goodling.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

- 11:00 a.m. Divinity School Library Lecture. York Chapel. Speaker: Dr. Ralph W. Sockman.
- 3:00 p.m. Varsity Track: Duke versus North Carolina State. Stadium.
- 3:15 p.m. The final examination of Mr. L. Richardson King for the Ph.D. degree in Mathematics. Room 219 Physics Building.
- 4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building (Auditorium). Speaker: Dr. Frederick A. Wolf.
- 4:30 p.m. Joint Anatomy, Physiology, and Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Floyd Ratliff.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "A RAISIN IN THE SUN" with the Broadway cast including Sidney Poitier, Claudia McNeil, and Ruby Dee. Lorraine Hansberry's award-winning play, now on the screen is "Utterly magnificent, it has sharp wit, rich folk humor, high comedy, and solidly gripping drama."—Cue. "Very fine articulation of some of the basic dilemmas of the Negro race caught in the vise of resentment and insecurity. Brilliantly played."—Crowther, N. Y. Times.
- 8:15 p.m. Terpsichorean Concert. Woman's College Auditorium.
- 7:30 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

Thursday, April 25

- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. W. Barnes Tatum, Jr.
- 2:00 p.m. The final examination of Mr. James C. Parham for the Ph.D. degree in Chemistry. Room 220 Chemistry Building.
- 2:00 p.m. The final examination of Mrs. Ardith Brask Johnsen for the Ph.D. degree in Botany. Room 140 Biological Sciences Building.
- 2:00 p.m. The final examination of Mr. Robert G. Van Meter for the Ph.D. degree in Mathematics. Room 219 Physics Building.
- 3:00 p.m. Freshman Tennis: Duke versus Louisburg. West Courts.
- 3:00 p.m. Varsity Baseball: Duke versus Florida State University. Coombs Field.
- 3:00 p.m. Varsity Lacrosse. Duke versus Virginia. Freshman Field.
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 7:00 p.m. Friends of the Library Dinner. Union Ballroom. Speaker: George H. Healey.

- 8:00 p.m. Everett Wesley Hall Philosophy Lecture. Room 213 Caldwell Hall, Chapel Hill. Speaker: Professor Henry Aiken.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Terpsichorean Concert. Woman's College Auditorium.

Friday, April 26

- 9:00 a.m. The final examination of Mr. Joseph Osinchak for the Ph.D. degree in Anatomy. Room M-401 Medical School.
- 10:00 a.m. Law Day Weekend Registration. Jack Tar Durham Hotel. (See special notice.)
- 10:10 a.m. Divinity School Chapel. York Chapel. Professor Richard A. Goodling.
- 1:30 p.m. The final examination of Mr. Francis Bullitt Lowry for the Ph.D. degree in History. Library Conference Room.
- 3:00 p.m. Varsity Baseball: Duke versus University of South Carolina. Coombs Field.
- 4:00 p.m. Joe College Parade begins. East Campus Wall.
- 4:00 p.m. Chemistry Staff Seminar. Room 01 Chemistry Building. Speaker: Dr. Stewart J. Strickler.
- 5:00-7:00 p.m. Joe College Exchange Picnic. In front of East Campus Dining Hall. Limbo Contest follows.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their mothers.
- 8:00 p.m. Joint Duke-UNC Philosophy Colloquia. Room 213 Caldwell Hall, Chapel Hill. Speaker: Professor Bernard Williams.
- 8:30 p.m. Hoof 'n' Horn Show: "Bye, Bye Birdie." Page Auditorium.
- 10:30 p.m. Joe College Weekend: Opeu-Air Dance. Flowers Parking Area.

Saturday, April 27

- 2:00 p.m. Varsity Baseball: Duke versus Clemson College. Coombs Field.
- 2:00 p.m. Varsity Lacrosse: Great Grad Game. Freshman Field.
- 2:00-4:00 p.m. Joe College Lawn Concert. West Campus Quadrangle: The Four Preps.
- 4:00 p.m. Joint Duke-UNC Philosophy Colloquia. Room 211-A West Duke Building, Duke. Speaker: Professor Bernard Williams.
- NOTE:** No Quadrangle Picture will be shown tonight due to the performance of the Hoof 'n' Horn production.
- 8:30 p.m. Hoof 'n' Horn Show: "Bye, Bye Birdie." Page Auditorium.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Howard C. Wilkinson, Chaplain to the University, will deliver the sermon at the University Service of Worship on Sunday, April 21st at 11:00 a.m. in the University Chapel. His subject will be "Maturity, According to the Bible and Freud." The order of service follows:

The Reverend Allen R. Gilmore, Chaplain Intern, Presiding Minister.

Opening Organ Voluntary—Concerto No. I *Handel*
Andante
Sonata V *Mendelssohn*
Andante
Rhosymedre *Vaughan Williams*
Choral Adoration—"Sanctus" from Mass II *Hassler*
Hymn—"O Worship the King" *Haydn*
The Prayer of Confession
Words of Assurance
The Lord's Prayer
Anthem—"O Lord, Give Thy Holy Spirit" *Thomas Tallis*
Scripture—Ephesians 4:11-20
Hymn—"Happy the Home When God Is There" *John B. Dykes*
Call to Prayer
The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication
The Offering
Offertory Organ Interlude
Anthem—"In Paradisum" from *Requiem* *Fauré*
Response—The Doxology
Prayer of Dedication
Sermon—"Maturity, According to the Bible and Freud"
Prayer
Benediction
Choral Response—"Sevenfold Amen" *Stainer*
The Chimes
Closing Organ Voluntary—Poco Vivace from *Kleine Praludien* *Schroeder*

The preacher who is scheduled to deliver the sermon at the University Service of Worship next Sunday, April 28, is the Reverend Dr. Ralph W. Sockman, Director of the Hall of Fame, New York City, and former minister of Christ Church (Methodist).

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Monday, 7:30 P.M., Center, Interviews for applicants for the Center apartment for 1963-64. Wednesday, 5:30 P.M., Center, Worship followed by Council meeting. Friday, 6:15 P.M., Center, Supper-Seminars—Speaker will be Mr. Charles Wellborn.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., East Duke Chapel.

LUTHERAN STUDENT ASSOCIATION: There will be no LSA today (Sunday), since the S. E. Regional Conference is in session. Wednesday, 7:15 A.M., East Duke Chapel, Holy Communion.

METHODIST CENTER: Sunday, 8:30 A.M., Center, Parents Weekend Communion Breakfast; 9:30 A.M., Seminar, "Renewal In the Church"; 6:00 P.M., Worship; 7:00 P.M., Forum—Speaker will be Dr. Robert E. Cushman, Dean of the Divinity School.

Applications are now being accepted for the Com-

munity of Lay Scholars, a lay theological education community. Those interested in participating next year should contact Chaplain Jack Carroll at the Methodist Center (286-9230) or Miss Barbara Benedict (ext. 2909). The Community is open to all students.

WESTMINSTER FELLOWSHIP (PRESBYTERIAN): Sunday, 5:30 P.M., Center, Vespers; 6:00 P.M., Supper; 6:30 P.M., Dr. William C. Bennett will speak on, "The Pastor As Counselor."

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. James C. Parham for the Ph.D. degree in Chemistry will be held on Thursday, April 25th, at 2:00 p.m. in room 220 Chemistry building. The subject of Mr. Parham's dissertation is "Synthetic Applications of Acetals to the Acrid Izinium Series." The committee to conduct the examination consists of Professors C. K. Bradsher, C. R. Hauser, J. C. Poirier, Pelham Wilder, and Eugene Davidson. Professor Bradsher will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Edward B. Jones for the Ph.D. degree in History will be held on Monday, April 22nd at 2:00 p.m. in the Conference Room of the Library. The subject of Mr. Jones' dissertation is "The Imperial Ideas of Henry Dundas and British Expansion in the East, 1783-1801." The committee to conduct the examination consists of Professors W. B. Hamilton, Ralph Braibanti, Calvin D. Davis, A. B. Ferguson, and H. T. Parker. Professor Hamilton will preside.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, April 22nd, in the auditorium of the Biological Sciences Building at 4:15 p.m. Dr. Melvin L. Moss from the Department of Anatomy, College of Physicians and Surgeons, Columbia University, will speak on "Comparative Biology of Calcification." Coffee and tea will be served in the foyer at 4:00 p.m.

NORTH CAROLINA SYMPHONY ORCHESTRA CONCERT

The Durham Chapter of the North Carolina Symphony Orchestra and the Duke University Student Union will sponsor jointly the annual concert of the North Carolina Symphony Orchestra, directed by Dr. Benjamin Swalin, on Monday, April 22nd at 8:15 p.m. in Page Auditorium. Elaine Skorodin, American-born violinist, will appear as soloist with the Orchestra. Miss Skorodin was a child prodigy and since that time has made important appearances with the major symphony orchestras of this country and has had recital tours both here and abroad which have received high praise by both critics and audiences. Playing fre-

quently with the National Broadcasting Company Orchestra both on radio and television, she has consistently received high in violin competitions in America and in Europe. Among these have been first prize in the Society of American Musicians' contest; the Oliver Ditson Award; the Farwell Award and the 1961 winning award at the Paganini International Competitions.

Another high light of the concert will be the playing of a composition by the North Carolina composer, Hunter Johnson. The work, "North State," was written for the North Carolina Tercentenary celebration of the granting in 1663 of the Carolina Charter. It is scored for full symphonic orchestra and is in suite form. The three sections are marked: "Introduction and Celebration One"; "Three Interludes: The Colouists," which has three separate parts entitled (1) "Westward the Unknown: A Prayer; (2) Land Bright with Sun and Birds; and (3) Simple Lives, Often Lonely"; and "Celebration Two: A Dance."

Mr. Johnson attended the University of North Carolina and later earned a degree in music at the Eastman School of Music in Rochester, New York. He was winner of the Prix de Rome in 1933 and spent two years in Europe studying. Later, in 1941, he held a Guggenheim Fellowship, followed by several years as chairman of the Department of Theory at the University of Manitoba in Winnipeg, Canada.

Admittance is by regular membership in the Society. Membership cards may be obtained at the door beginning at 7:30 p.m. The membership is as follows: Student—\$1.00, Single—\$3.00, and Joint—\$5.00.

The program follows:

<i>Nielsen</i>	Masquerade Overture
<i>Hunter Johnson</i>	North State
<i>Saint-Saens</i>	Violin Concerto No. III
	Miss Skorodin
INTERMISSION	
<i>Tschaikowsky</i>	Symphony No. IV

DUKE INTERNATIONAL LAW SOCIETY MEETING

The Duke International Law Society Meeting will be held on Monday, April 22nd, at 8:15 p.m. in the Courtroom of the Law School. Speaking on the newly-formed Court of Justice of the European Communities will be Albert Van Houtte, Clerk of the Court. The jurisdiction of this Court will be to handle cases arising out of not only the Common Market, but also EUROTOM and ECSC. The University Community is cordially invited to attend.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Birdsall S. Vialt for the Ph.D. degree in History will be held on Tuesday, April 23rd, at 2:00 p.m. in the Conference Room of the Library. The subject of Mr. Vialt's dissertation is "The Peace Issue, 1939-1940." The committee to conduct the examination consists of Professors

Harold Parker, Ralph Braibanti, John Curtiss, John Tate Lanning, and Richard Watson. Professor Parker will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. John Richard Thompson for the Ph.D. degree in Zoology will be held on Wednesday, April 24th, at 9:15 a.m. in Room 225 Biological Sciences Building. The subject of Mr. Thompson's dissertation is "The Bathyalbenthic Caribbean Shrimps of the Southwestern North Atlantic." The committee to conduct the examination consists of Professors C. G. Bookout, Joseph Bailey, I. E. Gray, Karl M. Wilbur, and Harold J. Humm. Professor Bookout will preside.

DIVINITY SCHOOL LIBRARY LECTURE

Dr. Ralph W. Sockman, long-time minister to Christ Church in New York City and presently director of the Hall of Fame for Great Americans at New York University, will deliver the annual Divinity School Library Lecture on Wednesday, April 24th, at 11:00 a.m. in York Chapel. The title of Dr. Sockman's lecture is "The Spiral of the Spirit." The public is cordially invited to attend.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. L. Richardson King for the Ph.D. degree in Mathematics will be held on Wednesday, April 24th, at 3:15 p.m. in Room 219 Physics Building. The subject of Mr. King's dissertation is "On Phi-Compactifications." The committee to conduct the examination consists of Professors J. H. Roberts, L. Carlitz, S. L. Warner, J. R. Shoenfield, and R. L. Clark. Professor Roberts will preside.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, April 24th, at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium) West Campus. Dr. Frederick A. Wolf, Professor Emeritus of Botany, Duke University will speak on "A Visit to the Federation of Rhodesia and Yasaland and to the Republic of South Africa."

Dr. Wolf, one of the nation's distinguished mycologists, has an outstanding record of research in the field of tobacco diseases and in the whole area of tobacco research. He recently returned from an extended tour of Europe and Africa, during which he attended two international scientific and trade congresses on tobacco. During his tour he visited experiment stations, agricultural institutions and installations, universities, farms and other facilities of interest to biologists. Dr. Wolf will report on this trip.

Refreshments will be served at 4:00 p.m.

JOINT ANATOMY, PHYSIOLOGY AND PSYCHOLOGY COLLOQUIUM

The Anatomy, Physiology and Psychology Colloquium Series will present Dr. Floyd Ratliff on Wednesday, April 24th at 4:30 p.m. in Room 209 Bivins Building, East Campus. He will speak on "Complex Patterns of Response in a Simple Neural Network."

Dr. Ratliff received his Ph.D. degree at Brown University in 1950. He was a postdoctoral fellow from 1950 to 1951 at The Johns Hopkins University and taught at Harvard University from 1952 to 1954. He is now an associate of the Rockefeller Institute and is a member of the Society of Experimental Psychologists. His work involves careful study of the interaction of elements in the eyes of lower animals.

Coffee will be served at 4:00 p.m.

TERPSICHOREAN CONCERT

The Terpsichorean Modern Dance Club will present its spring concert on Wednesday and Thursday, April 24th and 25th, at 8:15 in the Woman's College Auditorium. The theme will be "Americana—Past and Present." No admission will be charged. The program is as follows:

- Ballad for Americans
Jeanne Thompson*
- The Devil in Massachusetts
Judith Carr*
Patricia Hughes*
- Folk Tune
Lois Parker*
- Soon I'll be done with the troubles of the world
Kay Vale*
Ann Loflin*
Carrie Shore*
- Religious Revival
Katie Kittelle*
- The Lonely Cell
Mia Bulgariu*
- White Lightning
Sylvia Miller*
- Machinitis: A Parody on Automation
Peggy Spivey*
Eloise Woolley*
Russell Cordon*
- Little Known Bird of the Inner Eye
Jeanne Thompson*
- Ballad for Americans
(reprise)
- * Choreographers

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mrs. Ardith Brask Johnsen for the Ph.D. degree in Botany will be held on Thursday, April 25th, at 2:00 p.m. in Room 140 Biological Sciences Building. The subject of Mrs. Johnsen's dissertation is "Bryophyte and Lichen Studies of West Fork, Oak Creek Canyon, Arizona." The committee to conduct the examination consists of Professors L. E. Anderson, H. J. Oosting, H. S. Perry, Jane Philpott, and H. S. Roberts. Professor Anderson will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Robert G. Van Meter for the Ph.D. degree in Mathematics will be held on Thursday, April 25th, at 2:00 p.m. in Room 219 Physics Building. The subject of Mr. Van Meter's dissertation is "The Number of Solutions of Certain Systems of Equations in a Finite Field." The committee to conduct the examination consists of Professors L. Carlitz, J. H. Roberts, S. L. Warner, J. R. Schoenfeld, and N. L. Wilson. Professor Carlitz will preside.

FRIENDS OF THE LIBRARY DINNER

The annual dinner meeting of the Friends of the Library will be held on Thursday, April 25th, at 7:00 p.m. in the Union Ballroom, West Campus.

George H. Healey, Professor of English and Curator of Rare Books at Cornell University, is to be the speaker. His topic is "The Bright World of Rare Books." Professor Healey is an authority on Daniel Defoe, William Wordsworth, and Stanislaus and James Joyce.

EVERETT WESLEY HALL PHILOSOPHY LECTURE

Professor Henry Aiken of Harvard University will present another lecture in the six series of lectures in honor of Everett Wesley Hall on Thursday, April 25th, at 8:00 p.m. in Room 213 Caldwell Hall, Chapel Hill. His topic will be "Further Reflections on Moral Objectivity." The University Community is cordially invited to attend.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Francis Bullitt Lowry for the Ph.D. degree in History will be held on Friday, April 26th at 1:30 p.m. in the Library Conference Room. The subject of Mr. Lowry's dissertation is "The Generals, the Armistice, and the Treaty of Versailles." The committee to conduct the examination consists of Professors J. Colton, J. S. Curtiss, H. T. Parker, R. L. Watson, and J. H. Proctor. Professor Colton will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Joseph Osinehak for the Ph.D. degree in Anatomy will be held on Friday, April 26th, at 9:00 a.m. in Room M-401 Medical School. The subject of Mr. Osinehak's dissertation is "A Fine Structure and Cytochemical Study of Neurosecretory Cells in the Supraoptic Nucleus of the Rat." The committee to conduct the examination consists of Professors Joseph E. Markee, M. J. Moses, I. T. Diamond, F. G. Hall, and T. L. Peele. Professor Markee will preside.

LAW DAY WEEKEND LAW SCHOOL DEDICATION

Law Day, instituted by President Eisenhower in 1958, to contrast the rule of law in the United States with the May 1st portrayal of military might in the communist countries, will be celebrated this year by the Duke University Law School in conjunction with the Dedication Service of the new Duke Law Building. This combined Law Day and Dedication Service will be held on Friday and Saturday, April 26th and 27th. Major addresses will be given by The Honorable Earl Warren, Chief Justice of the United States; The Honorable Archibald Cox, Solicitor General of the United States, Mr. Walter Gellhorn, President, Association of American Law Schools and Mr. Charles Rhyne, Former President of the American Bar Association. The schedule is as follows:

FRIDAY, APRIL 26th

- 10:00 a.m.-4:30 p.m.—Registration, Jack Tar Durham Hotel (formerly Washington Duke Hotel)
- 10:30 a.m.—Golf Tournament for Guests, Alumni, Faculty and Students.
- 12:30 p.m. Law Alumni Council Luncheon. Italian Room.
- 3:00-4:00 p.m.—Law Dames Fashion Show. Jack Tar Durham Hotel.
- 5:00 p.m. Reception for Alumni and Delegates. Jack Tar Durham Hotel.

SATURDAY, APRIL 27th

- 3:30 a.m.-12:00 noon—Registration. Page Auditorium—West Campus.
- 2:00 a.m.-11:30 a.m.—Symposium: THE JUDICIAL PROCESS: DECIDING APPELLATE CASES. Page Auditorium.
- The Honorable J. Spencer Bell, '30, Judge of the United States Court of Appeals for the Fourth Circuit.
- The Honorable Robert C. Finley, '34, Justice of the Supreme Court of Washington, moderator
- The Honorable Henry J. Friendly, Judge of the United States Court of Appeals for the Second Circuit.
- The Honorable Robert A. Leflar, Professor of Law, University of Arkansas. Former Associate Justice, Supreme Court of Arkansas.
- The Honorable Walter V. Schaefer, Justice of the Supreme Court of Illinois.
- The Honorable Roger J. Traynor, Justice of the Supreme Court of California.
- The Honorable Elbert P. Tuttle, Chief Justice of the United States Court of Appeals for the Fifth Circuit.
- 10:00 a.m.—Ladies' coffee and tour of the New Law Building and the Sarah P. Duke Gardens
- 12:00 noon—Alumni Luncheon and Annual Meeting. Union Ballroom. Address: RAMIFICATIONS OF BAKER V. CARR: TENNESSEE REAPPORTIONMENT DECISION. Mr. Charles Rhyne, '37, Former President of the American Bar Association.
- 12:00 noon—Luncheon for Delegates and Guests, Schrafft's Country Inn. Address Walter Gellhorn, President, Association of American Law Schools.
- 3:00 p.m.—Dedication of the New Law Building. Law Library (Admission by card). Address: The Honorable Earl Warren, Chief Justice of the United States.
- 5:30-6:30 p.m.—Duke Bar Association Reception for Guests, Alumni, Faculty, and Students. Jack Tar Durham Hotel.
- 7:00-9:00 p.m.—Law Day-Dedication Banquet. Durham Civic Center. Address: The Honorable Archibald Cox, Solicitor General of the United States.
- 9:00 p.m.-1:00 a.m.—Law Day-Dedication Dance. Elks Club.

CHEMISTRY STAFF SEMINAR

Dr. Stewart J. Strickler from Rice University will speak at the Chemistry Staff Seminar on Friday, April 26th, at 4:00 p.m. in Room 01 Chemistry Building. The subject of Dr. Strickler's address will be "The Relationship Between Fluorescence Lifetime and Absorption Intensity for Molecules."

All interested persons are cordially invited to attend.

JOINT DUKE-UNC PHILOSOPHY COLLOQUIA

Professor Bernard Williams of the University of London, this year visiting Professor of Philosophy at Princeton University, will be the guest of the philosophy departments at Duke and UNC on Friday and Saturday, April 26th and 27th. On Friday, April 26th, he will speak in Room 213 Caldwell Hall in Chapel Hill at 8:00 p.m. on "Descartes' Account of Dreaming." On Saturday, April 27th, at 4:00 p.m. in Room 211-A West Duke Building, he will speak on "Can I Decide What to Believe?"

On Sunday, April 28th, at 4:00 p.m. Miss G. E. M. Anscombe of Oxford University, this year visiting Professor of Philosophy at the University of Michigan, will speak on "Intentional Objects" in Room 211-A West Duke Building. Interested members of the University Community are cordially invited to attend.

JOE COLLEGE WEEKEND

This year's theme for Duke's annual spring weekend is "Joe College Goes on Vacation." The festivities will get under way on Friday, April 26th, at 4:00 p.m. with the parade passing the East Campus Wall on Buchanan Boulevard and Main Street.

Immediately following the parade, the Exchange Picnic will be held in front of the East Campus Dining Hall from 5:00-7:00 p.m. The Starfires Combo will provide the music during the picnic and also for a Limbo Contest immediately thereafter. Cash prizes will be awarded.

Friday night's entertainment features the student-directed Hoof 'n' Horn annual spring musical production, "Bye Bye Birdie"—a delightful satire on the Elvis Presley craze. The curtain will rise at 8:30 p.m. in Page Auditorium and will also be presented on Saturday, April 27th, at 8:30 p.m. Immediately following will be an open-air dance in the Flowers Parking Area sponsored by the Student Union.

The highlight of the weekend is the Lawn Concert on the West Campus Quadrangle from 2:00-4:00 p.m. on Saturday afternoon, April 27th, featuring the Four Preps, a nationally known vocal group which achieves an amazing balance between good comedy material and excellent harmonic blend. Box lunches (\$1.25) will be available at the Concert.

Individual fraternity parties will close out the weekend on Saturday night.

DUKE UNIVERSITY OFFICIAL EXAMINATION SCHEDULE

Spring Semester 1963

ANY STUDENT WISHING TO PARTITION FOR RELIEF FROM THREE EXAMINATIONS WITHIN TWENTY-FOUR HOURS OR TWO EXAMINATIONS AT THE SAME TIME MUST REPORT TO HIS DEAN'S OFFICE **NOT LATER THAN MAY 5, 1963** TO REQUEST A CHANGE IN SCHEDULE.

Thursday May 16	7:00- 8:00 p.m.	Physical Education
Friday May 17	Reading Period	No examination scheduled
Saturday May 18	9:00-12:00 noon 2:00- 5:00 p.m.	MWF 1 TTS 2 & Philosophy 42
Monday May 20	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	TTS 3 Political Science 12, 62 Chemistry 2
Tuesday May 21	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	MWF 5 Economics 58 & All Language 2 French, Spanish 64
Wednesday May 22	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	Mathematics 21, 22, 42 TTS 4 Psychology 91
Thursday May 23	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	TTS 1 Air Science TTS 6
Friday May 24	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	English 1 and 2 Naval Science Physics 2 and 42
Saturday May 25	9:00-12:00 noon 2:00- 5:00 p.m.	Botany 2 MWF 2 and Engineering 2.5-2.8
Monday May 27	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	Philosophy 48 Economics 52 History 2, 2X, 6
Tuesday May 28	9:00-12:00 noon 2:00- 5:00 p.m. 7:00-10:00 p.m.	MWF 6 Religion 2, 2X MWF 4
Wednesday May 29	9:00-12:00 noon 2:00- 5:00 p.m.	Engineering 2.1-2.4 MWF 3 and TTS 5

Engineering courses, other than Engineering 2, will meet for examination at the regular class periods. Chemistry (except Chemistry 2) and Zoology classes meet for examination at the time scheduled for their general lecture period.

ANY EXAMINATION NOT COVERED IN THE FOREGOING SCHEDULE IS TO BE ARRANGED BY THE INSTRUCTOR IN CHARGE OF THE COURSE IN THE PERIOD BEGINNING May 18, 9:00 a.m. AND ENDING May 29, 5:00 p.m. NO EXAMINATION IS TO BE GIVEN BEFORE 9:00 a.m., May 18, WITH THE EXCEPTION OF PHYSICAL EDUCATION. NO CHANGE IS TO BE MADE IN ANY SCHEDULED EXAMINATION WITHOUT THE APPROVAL OF THE COMMITTEE.

University Schedule Committee

ADVANCE NOTICE DUKE NURSERY SCHOOL MEETING

There will be a meeting concerning the proposed new program and expansion of the Duke University Nursery School on Monday, April 29th, at 8:00 p.m. in Room 209 Bivins Building.

All members of the Durham and surrounding communities who are concerned with pre-school or kindergarten education, or interested in sending children to the Nursery School, are invited to attend.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Stephan Robert Cavior for the Ph.D. degree in Mathematics was held on Friday, April 19th at 3:00 p.m. in Room 219 Physics Building. The subject of Mr. Cavior's dissertation was "Equivalence Classes of Functions Over a Finite Field." The committee conducting the examination consisted of Professors L. Carlitz, S. L. Warner, J. R. Shoenfield, D. W. Dean, and Glenn Negley. Professor Carlitz presided.

CHORAL ACTIVITIES AUDITIONS

AUDITIONS will be given to persons interested in singing with any or all of the groups in Choral Activities. Qualified singers are also urged to audition for Chapel Choir. Call the Choral Activities office—3898 or come by 210 Flowers Building for an appointment. Auditions will start on Monday, April 22nd and continue through Thursday, May 2nd. Students already in the Choral Activities will have to reaudition for the next school term—1963-64.

FACULTY SUMMER RESEARCH FELLOWSHIPS

Seven faculty research fellowships for the summer of 1964 are available through the University Research Council. Members of the Arts and Sciences and Engineering faculties of the rank of Associate Professor or Assistant Professor are eligible to apply. Further information may be secured from departmental chairmen, and application forms may be secured in the History Office, 236 Allen Building. Applications must be received by Saturday, May 11th.

DUKE UNIVERSITY EUROPEAN GROUP TRAVEL PLAN

There will be opportunities again this summer for members of the Duke University Community to avail themselves of a group discount fare (plane) to Europe.

Full details may be obtained in 202-A Flowers Building or by calling Extension 2911.

ADVANCE NOTICE GRADUATE GERMAN EXAMINATION

The German Examinations for candidates for graduate degrees will be given on Monday through Friday, April 29th-May 3rd. Candidates should register in the Graduate School Office for this examination not later than Wednesday, April 17th.

ART EXHIBIT

For the final loan exhibition of the academic year 1962-63, the Art Department and the Student Union are proudly presenting an exhibition of the Graphic Arts of Leonard Baskin. Through the generosity of Professor and Mrs. Allen P. Sindler, thirty-two of Baskin's etchings, wood engravings, lithographs and woodcuts have been made available for viewing in the Woman's College Library Gallery from April 20th through May 15th. Leonard Baskin has been acclaimed as America's most original and technically proficient print maker. Exhibited here are works ranging from a powerful lifesize woodcut of the early 1950's to the delicate and sensitively executed portrait of Rodin, a lithograph of 1963. Noted also for his drawings, sculpture, bass reliefs, and book designs, the thirty-two works exhibited here demonstrate vividly the creative genius of one of the truly individual artists of the mid-twentieth century.

ART EXHIBIT PURCHASES

All persons who have bought or wish to buy lithographs and etchings which have been in the "FOR YOUNG COLLECTORS" exhibits in the Woman's College Library Gallery on East Campus and the Alumni Lounge on West Campus may pick up their purchases until May 1st. Those bought in the Library Gallery will be in the Art Department and those from the Alumni Lounge will be in Room 202-A Flowers Building.

1963-64 ARTISTS SERIES ANNOUNCEMENT

The 1963-64 Duke University Artists Series announces the following concerts for the 1963-64 Season:

Tuesday, December 3rd

THE GOLDOVSKY GRAND OPERA THEATER
Puccini's "Tosca"

Tuesday, February 4th

BACH ARIA GROUP

Tuesday, March 10th

PRESTI AND LOGOYA, Guitar-Duo

Friday, March 20th

PITTSBURGH SYMPHONY ORCHESTRA
William Steinberg, Music Director

Friday, April 17th

JOHN BROWNING, Pianist

OFF-THE-SERIES ATTRACTION 1963-'64

Tuesday, November 19th

The Regimental Band and Massed Pipers
of the BLACK WATCH (Royal Highland Regiment)
with Highland Dancers from the Edinburgh Festival

Season ticket reservations for the first five attractions, priced at \$8.00, \$9.00, and \$10.00, are available in Room 202-A Flowers Building, by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station, Durham, North Carolina. All of these attractions will be staged in Page Auditorium.

The BLACK WATCH will take place in the Indoor Stadium and reserved seats will be priced at \$2.50 and \$2.00 with a special price of \$1.50 and \$1.25 to Artists Series patrons. Children's tickets are priced at \$1.25 and \$1.00.

LOST AND FOUND

A Lost and Found Service is maintained at the Information Center located in the Flowers Building Lounge on West Campus. Many unidentified lost articles have been turned in and it is hoped that many of these will be claimed by the owners.

ADVANCE NOTICES

DUKE UNIVERSITY

STUDENT UNION PRESENTS

JAMES R. LAWSON, CARILLONNEUR

The Duke University Student Union presents James R. Lawson, Carillonneur of The Riverside Church, New York City, in a concert played on the 50-bell carillon of the University Chapel, on Sunday, April 28th at 3:00 p.m.

April 28th is also INTERNATIONAL CARILLON DAY. In observance of the day the concert will consist of compositions for carillon by contemporary carillonneurs and composers.

CHANCEL SINGERS CONCERT

The Chancel Singers Concert will be held on Sunday, April 28th, at 4:00 p.m. in the Women's College Auditorium. The public is cordially invited to attend. The program will include the **Second Mass in C** by Haydn and the **Missa Brevis in F major** by Mozart.

WEEK OF
April 28-May 4, 1963

WEEK OF
April 28-May 4, 1963

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, April 28

- Denominational Meetings. See Special notice.
- 10:30-10:45 a.m. Carillon Recital. James R. Lawson, Guest Carillonneur.
- 11:00 a.m. University Service of Worship, University Chapel. Preacher: Dr. Ralph W. Sockman, Director of the Hall of Fame, New York City. Broadcast over Radio Station WDNC and WDNC-FM.
- 3:00 p.m. S. U. Carillon Recital: James R. Lawson, Carillonneur of The Riverside Church, New York City. West Quadrangle.
- 4:00 p.m. Chancel Singers Concert. Women's College Auditorium.

Monday, April 29

- 12:50 p.m. Designation of Midshipman Officers, Naval ROTC, for academic year 1963-64 in Room 104 Social Science Building.
- 1:30 p.m. The final examination of Mrs. Bettie Sue Siler Masters for the Ph.D. degree in Biochemistry. Room 262 Bell Building.
- 2:30 p.m. The final examination of Mr. William W. Rolland for the Ph.D. degree in Physics. Room 218 Physics Building.
- 3:00 p.m. The final examination of Mr. George M. Rosenstein, Jr. for the Ph.D. degree in Mathematics. Room 219 Physics Building.

- 4:00 p.m. The final examination of Mr. James Howlett O'Donnell for the Ph.D. degree in history. Room 103 Library (West) Library Conference Room.
- 4:00 p.m. Chemistry Staff Seminar. Room 01 Chemistry Building. Speaker: Dr. S. W. Pelletier.
- 4:15 p.m. Zoology Seminar. Auditorium of Biological Sciences Building. Speaker: Dr. Tom J. Cade.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 8:00 p.m. Duke Nursery School Meeting. Room 209 Bivins Building.

Tuesday, April 30

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor Stuart C. Henry.
- 11:00 a.m. "An Interview with Norman Dello Joio." WUNC-TV, Channel 4.
- 12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 2:00 p.m. The final examination of Mr. Sheldon F. Koesy for the Ph.D. degree in History. Room 201 Flowers Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted **IN WRITTEN FORM** to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

- 2:00 p.m. The final examination of Mr. William James Smith for the Ph.D. degree in Biochemistry. Room 262 Bell Building.
- 3:00 p.m. Freshman Tennis: Duke versus Chowan. West Courts.
- 3:30 p.m. The final examination of Mr. Philip L. Peterson for the Ph.D. degree in Philosophy. Room 211-A West Duke Building.
- 4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.
- 9:00 p.m. "An Interview with Norman Dello Joio." WUNC-TV, Channel 4.

Wednesday, May 1

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor Stuart C. Henry.
- 1:30 p.m. The final examination of Mrs. Barbara B. Turner for the Ph.D. degree in Psychology. Room 3506 Gerontology Building.
- 2:00 p.m. The final examination of Mrs. Annette Grossman Kirshner for the Ph.D. degree in Biochemistry. Room 262 Bell Building.
- 3:00 p.m. Varsity Baseball: Duke versus Wake Forest College. Stadium.
- 4:30 p.m. Psychology Colloquium. Room 209 Bivins Building. Speaker: Dr. Hans Wallech.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:30 p.m. Quadrangle Pictures. Page Auditorium. "HENRY V" (British) with Laurence Olivier, Leslie Banks, and Max Adrian. "Stunningly brilliant and intriguing screen spectacle, rich in theatrical invention, in heroic imagery, and also gracefully regardful of the conventions of the Elizabethan stage."—Crowther, *N. Y. Times*. Voted "Best Film" of its year, National Board of Review. In Technicolor and Cinemascope.
- 8:15 p.m. S.U. presents second of Last Lecture Series: Dr. Peter Klopfer. Room 208 Flowers Building.

Thursday, May 2

- 10:10 a.m. Divinity School Chapel. York Chapel. Miss Eleanor R. Kuhl.
- 3:30-5:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.
- 4:00 p.m. Economics Seminar. Room 113 Physics Building. Speaker: Professor Gottfried Haberler.

- 4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building (Auditorium). Speaker: Dr. Donald E. Stone.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 5:45 p.m. Duke University Religious Council Final Meeting. Men's Graduate Center.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.
- 7:30 p.m. Delta Phi Alpha Movie: "The Devil's General." Page Auditorium.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, May 3

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor Stuart C. Henry.
- 3:00 p.m. The final examination of Mr. David R. Hayes for the Ph.D. degree in Mathematics. Room 219 Physics Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their mothers.
- 8:30 p.m. "Studio Opera." Branson Building.

Saturday, May 4

- 10:00 a.m. The final examination of Mr. Linwood Edison Kent for the Ed.D. degree. Room 08-A West Duke Building.
- 10:00 a.m. The final examination of Mr. John Nelson Russell Score for the Ph.D. degree in Religion. Library Conference Room.
- 12:30-6:00 p.m. Alpha Phi Omega Rummage Sale. Union Arch.
- 2:00 p.m. Freshman Tennis: Duke versus Davidson. West Courts.
- 2:00 p.m. Varsity Tennis: Duke versus Davidson. West Courts.
- 7:00 and 9:30 p.m. Quadrangle Pictures. Page Auditorium. "HENRY V" (British) with Laurence Olivier, Leslie Banks, and Max Adrian. "Stunningly brilliant and intriguing screen spectacle, rich in theatrical invention, in heroic imagery, and also gracefully regardful of the conventions of the Elizabethan stage."—Crowther, *N. Y. Times*. Voted "Best Film" of its year, National Board of Review. In Technicolor and Cinemascope.
- 8:30-12:00 midnight. International Club Costume Ball. Methodist Student Center.
- 8:30 p.m. "Studio Opera." Branson Building.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Ralph W. Sockman, Director of the Hall of Fame, New York City, will deliver the sermon at the University Service of Worship on Sunday, April 28th at 11:00 a.m. in the University Chapel. The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister.

Opening Organ Voluntary—Prelude and Fugue in D Minor

Pachelbel

Chorale-Prelude

“Ich Ruf Zu Dir”

Bach

Choral Adoration—“Sanctus” from *Mass II*

Hassler

Hymn—“From All That Dwell Below the Skies”

John Hatton

The Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—“Father of Heaven” from *Judas Maccabaeus*

Handel

Scripture Lesson

Hymn—“All Hail the Power of Jesus' Name!”

Oliver Holden

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—“Offertorium” from *Requiem*

Gabriel Faure

Response—The Doxology

Prayer of Dedication

Sermon

Prayer

Benediction

Choral Response—“Sevenfold Amen”

Stainer

The Chimes

Closing Organ Voluntary—Chaconne in D minor

Pachelbel

Chapel preacher for Sunday, May 5th: The Reverend Professor James T. Cleland, Dean of the Chapel.

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Wednesday, 5:30 P.M., Worship; 6:00 P.M., Council meeting. Friday, 6:15 P.M., Supper seminars at the Center. May 4-5, Camp Chestnut Ridge, Planning Retreat. Leave campus on Saturday at 1:30; return Sunday after lunch. Cost—\$3.50. Call 286-6097, or register at the Center by Wednesday, May 1.

CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., East Duke Chapel.

EPISCOPAL UNIVERSITY CENTER: Sunday, 9:30 A.M., Holy Communion. Wednesday, (Feast of Sts. Philip and James), 7:10 A.M., and 5:30 P.M., Holy Communion. Monday, 7:00 P.M., Last meeting of Seminar on “The Church In A Post-Christendom World.” Thursday, No Inquirers' Class. Friday, 3:00 P.M., Last meeting of Seminar on “Orthodoxy.”

LUTHERAN STUDENT ASSOCIATION: Sunday, 6:30 P.M., L. S. A. at Grace Lutheran Church—Allen Gilmore will speak on, “The Black Muslim Movement.” Wednesday, 7:15 A.M., East Duke Chapel, Holy Communion.

METHODIST STUDENT CENTER: Sunday, 9:30 A.M., Seminar, “Renewal in the Church.” 6:00 P.M.,

Worship—Dr. Edgar Brooks, Visiting Professor of Political Science from South Africa, will preach at the service of Worship. Following the worship, Dr. Brooks will participate in a Forum Hour at 7:00 P.M., leading a discussion on “Racial Problems in South Africa.” Wednesday: 6:00 P.M., Holy Communion.

Applications are now being accepted for the Community of Lay Scholars, a lay theological education community. Those interested in participating next year should contact Chaplain Jack Carroll at the Methodist Center (286-9230) or Miss Barbara Benedict (ext. 2909). The Community is open to all students.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: Sunday, 5:30 P.M., Westminster House, Vespers and Supper.

DUKE UNIVERSITY STUDENT UNION PRESENTS JAMES R. LAWSON, CARILLONNEUR

The Duke University Student Union presents James R. Lawson, Carillonneur of The Riverside Church, New York City, in a concert played on the 50-bell carillon of the University Chapel, on Sunday, April 28th at 3:00 p.m.

April 28th is also INTERNATIONAL CARILLON DAY. In observance of the day the concert will consist of compositions for carillon by contemporary carillonners and composers:

I. Preludium—Edwin Nielsen, Carillonneur of the Helligandskirken, Copenhagen, Denmark.

II. Big Ben Fantasia—Romke De Waard, Carillonneur, Amsterdam, Holland.

III. Chanson Serieuse—Frederick L. Marriott, Director of Music, Central Methodist Church, Detroit, Michigan.

IV. Variations the Dutch folk song “De Winter is Ver-ganghen”—Leen't Hart, Carillonneur, Amersfoort, Holland. Director of the Nederlandsche Beiaard School.

V. Evening Bells—Kamiel Lefevere, Carillonneur Emeritus, The Riverside Church, New York City.

VI. Rhythmendans—Staf Nees, Carillonneur, Meehelen, Belgium. Director of the Belgische Beiaard School.

VII. Fugue on the hymn tune *Llangloffan* (“Lead on O King Eternal”)—Herman Teygeler, Former Carillonneur Ermelo and Nijkerk, Holland.

VIII. Sonatine—Sjef Van Balkom, Carillonneur's-Hertogenbosch, Holland.

IX. Passacaglia—Henk Badings, Dutch Composer.

X. The Bells of Heaven—John Jacob Niles (Dedicated to Mr. Lawson).

NOTES: The Duke Carillon was cast in 1932 by the Taylor Bell Foundry, Loughborough, England. It was the gift of George G. Allen and William R. Perkins. The carillon contains 50 bells ranging in weight from 10 to 11,200 pounds.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mrs. Bettie Sue Siler Masters for the Ph.D. degree in Biochemistry will be held on Monday, April 29th at 1:30 p.m. in Room 262 Bell Building. The subject of Mrs. Masters disserta-

tion is "The Mechanism of Hepatic Microsomal Triphosphopyridine Nucleotide-Cytochrome c Reductase." The committee to conduct the examination consists of Professors Henry Kamin, W. R. Guild, N. Kirshner, L. D. Quin, and F. Bernheim. Professor Kamin will preside.

CHANCEL SINGERS CONCERT

The Chancel Singers Concert will be held on Sunday, April 28th at 4:00 p.m. in the Women's College Auditorium. The public is cordially invited to attend. The program will be as follows:

Second Mass in C

Joseph Haydn

Soloists:

Sally Baker—Soprano
Gail Kinard—Contralto
Thomas Daily—Tenor
Riley Brown—Baritone

Missa Brevis in F Major

Wolfgang Mozart

Soloists:

Rosemary Lemmond—Soprano
Valerie Kreutzer—Contralto
Charles Ayers—Tenor
William Kale—Bass

Conductor: Professor Paul Young

Accompanist and Assistant Conductor: Mr. James S. Young

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. William W. Rolland for the Ph.D. degree in Physics will be held on Monday, April 29th at 2:30 p.m. in Room 218 Physics Building. The subject of Mr. Rolland's dissertation is "A Study of the $N^{14} (d, n)^{15}O$ Reaction." The committee to conduct the examination consists of Professors Harold W. Lewis, Eugene Greuling, Henry W. Newson, Hertha Sponer, and F. G. Dressel. Professor Lewis will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. George M. Rosenstein, Jr. for the Ph.D. degree in Mathematics will be held on Monday, April 29th at 3:00 p.m. in Room 219 Physics Building. The subject of Mr. Rosenstein's dissertation is "Generalizations and an Extension of Lebesgue's Covering Theorem." The committee to conduct the examination consists of Professors J. H. Roberts, L. Carlitz, S. L. Warner, J. R. Shoenfield, and N. L. Wilson. Professor Roberts will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. James Howlett O'Donnell for the Ph.D. degree in History will be held on Monday, April 29th at 4:00 p.m. in Room 103

Library (West), Library Conference Room. The subject of Mr. O'Donnell's dissertation is "The Southern Indians in the War of Independence, 1775-1783". The committee to conduct the examination consists of Professors John R. Alden, Arthur B. Ferguson, John Tate Lanning, Ernest W. Nelson, and Arlin Turner. Professor Alden will preside.

CHEMISTRY STAFF SEMINAR

Dr. S. W. Pelletier from the University of Georgia will speak at the Chemistry Staff Seminar on Monday, April 29th at 4:00 p.m. in Room 01 Chemistry Building.

The subject of Dr. Pelletier's address will be "Aspects of the Chemistry of Diterpene Alkaloids." All interested persons are cordially invited to attend.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, April 29th in the auditorium of the Biological Sciences Building at 4:15 p.m. Dr. Tom J. Cade from the Department of Zoology, Syracuse University, Syracuse, New York, will speak on "Behavioral and Ecological Aspects of Predation by Shrikes." Coffee and tea will be served in the foyer at 4:00.

DUKE NURSERY SCHOOL MEETING

There will be a meeting concerning the proposed new program and expansion of the Duke University Nursery School on Monday, April 29th, at 8:00 p.m. in Room 209 Bivins Building.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Sheldon F. Koesy for the Ph.D. degree in History will be held on Tuesday, April 30th at 2:00 p.m. in Room 201 Flowers Building. The subject of Mr. Koesy's dissertation is "Continuity and Change in North Carolina, 1775-1789." The committee to conduct the examination consists of Professors John R. Alden, Joel Colton, Harold Parker, Richard L. Watson, and Robert S. Rankin. Professor Alden will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. William James Smith for the Ph.D. degree in Biochemistry will be held on Tuesday, April 30th at 2:00 p.m. in Room 262 Bell

Building. The subject of Mr. Smith's dissertation is "Studies on Dopamine B Hydroxylase." The committee to conduct the examination consists of Professors N. Kirshner, W. L. Byrne, E. A. Davidson, J. H. Saylor, and P. Wilder. Professor Kirshner will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Philip L. Peterson for the Ph.D. degree in Philosophy will be held on Tuesday, April 30th at 3:30 p.m. in Room 211-A West Duke Building. The subject of Mr. Peterson's dissertation is "A Property Instance Theory of Particulars." The committee to conduct the examination consists of Professors C. A. Baylis, R. L. Clark, R. W. Binkley, Bernard Peach, and K. Zener. Professor Baylis will preside.

AN INTERVIEW WITH NORMAN DELLO JOIO

During his recent visit to the Duke Campus, Norman Dello Joio, distinguished Pulitzer Prize winning composer, was interviewed by Iain Hamilton, Mary Duke Biddle Professor of Music at Duke University. Their conversation was video-taped and will be shown on WUNC-TV, Channel 4, at 11:00 a.m. and 9:00 p.m. on Tuesday, April 30th.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mrs. Barbara B. Turner for the Ph.D. degree in Psychology will be held on Wednesday, May 1st at 1:30 p.m. in Room 3506 Gerontology Building. The subject of Mrs. Turner's dissertation is "The Effect of a Ready Signal upon Eyelid Conditioning." The committee to conduct the examination consists of Professors Gregory A. Kimble, C. Alan Boneau, Carl Eisdorfer, Norman Guttman, and Talmadge Peele. Professor Kimble will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mrs. Annette Grossman Kirshner for the Ph.D. degree in Biochemistry will be held on Wednesday, May 1st at 2:00 p.m. in Room 262 Bell Building. The subject of Mrs. Kirshner's dissertation is "The Dissociation of Hemoglobin in Aqueous Sodium Chloride Solutions and Other Solvents." The committee to conduct the examination consists of Professors C. Tanford, R. L. Hill, W. R. Guild, R. W. Wheat, and J. H. Saylor. Professor Tanford will preside.

PSYCHOLOGY COLLOQUIUM

The Psychology Colloquium will be held on Wednesday, May 1st, at 4:30 p.m. in Room 209 Bivins Building. Professor Hans Wallech of Swarthmore College and eminent authority on the psychology of perception will speak on "Rapid Perceptual Learning." Coffee will be served at 4:00 p.m. Interested persons are cordially invited to attend.

STUDENT UNION LAST LECTURE SERIES

Dr. Peter Klopfer, Assistant Professor of Zoology, will be the second speaker in this year's "Last Lecture Series" sponsored by the Student Union's Educational Affairs Committee. The address will take place on Wednesday, May 1st, at 8:15 p.m. in Room 208 Flowers Building. The public is cordially invited to attend this address.

ECONOMICS SEMINAR

The Economics Department will hold a Seminar on Thursday, May 2nd at 4:00 p.m. in Room 113 Physics Building. The speaker will be Professor Gottfried Haberler, Galen L. Stone Professor of International Trade at Harvard University, and president of the American Economic Association. The topic will be "The New Trade Policy and the Balance of Payments." Interested members of the University Community are cordially invited to attend.

BOTANY SEMINAR

The Botany Seminar will be held on Thursday, May 2nd at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium) West Campus. Dr. Donald E. Stone, Assistant Professor of Botany, Tulane University, New Orleans, Louisiana, will speak on "Relationships between North American and Southeastern Asian Hickories."

A native of California, Dr. Stone received his graduate training at the University of California, Berkeley. His research interests are in biosystematics and evolution. Dr. Stone's early work on breeding systems in *Myosurus* attracted wide interest in systematic circles. More recently he has devoted himself to studies of American hickories, in which he is making notable contributions toward an understanding of relationships in this exceedingly difficult group of plants.

Refreshments will be served at 4:00 p.m.

U.R.C. FINAL MEETING

The final meeting of the Duke University Religious Council for the current academic year is scheduled to be held this Thursday, May 2, at 5:45 P.M., in the Men's Graduate Center. All members of the Council

are urged to attend. The meeting will commence with dinner and will continue with the installation of the officers for the new year. Reports on the work of the Council for this year will be given. All who expect to attend should notify the Chapel Secretary, Mrs. Carrington, as soon as possible.

DELTA PHI ALPHA MOVIE "THE DEVIL'S GENERAL"

Delta Phi Alpha, the German Honorary Society, is sponsoring the movie "The Devil's General" to be shown on Thursday, May 2nd at 7:30 p.m. in Page Auditorium. Admission is \$.50 and the public is cordially invited to attend.

The film was adapted from the play by Carl Zuckmayer and directed by Helmut Käutner. Starring Curt Jürgens, Marianne Koch and Victor de Kowa. English subtitles will follow the German dialogue. "The Devil's General" was the most successful post-war play in Europe. It was written by Carl Zuckmayer in the United States during World War II and dedicated to his friends in the German resistance killed by the Nazis. The play was inspired by the life of General Ernst Udet, ace pilot, whose last years are paralleled closely by the story of General Harras, Zuckmayer's hero.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. David R. Hayes for the Ph.D. degree in Mathematics will be held on Friday, May 3rd at 3:00 p.m. in Room 219 Physics Building. The subject of Mr. Hayes' dissertation is "The Distribution of Irreducibles in $GF(q, x)$." The committee to conduct the examination consists of Professors L. Carlitz, J. H. Roberts, J. R. Schoenfeld, S. L. Warner, and R. L. Clark. Professor Carlitz will preside.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. Linwood Edison Kent for the Ed.D. degree will be held on Saturday, May 4th at 10:00 a.m. in Room 08-A West Duke Building. The subject of Mr. Kent's dissertation is "Vocational Agricultural in Virginia Since 1917 with Recommendations for Future Development." The committee to conduct the examination consists of Professors Allan S. Hurlburt, Olan L. Petty, W. A. Stumpf, Edgar T. Thompson, and Henry Sublett. Professor Hurlburt will preside.

STUDIO OPERA

The Department of Music and the Duke Players will present "Studio Opera" in Branson Building on Friday and Saturday, May 3rd and 4th. Curtain time is at 8:30 p.m. There is no admission charge; the University Community and the general public are cordially invited to attend. The following program will be presented:

I

LUCIA DI LAMMERMOOR, Act I, Scene 2 *Donizetti*
Lucia—Nancy Lassiter
Alisa—Sally Blackwell
Edgardo—Michael Best

II

THE MARRIAGE OF FIGARO, Act I, Scene 1 (In English) *Mozart*
Act III, "Letter Duet" (Italian)
Figaro—Ronald Steed
Suzanna—Karen Lundry
Countess—Marjorie Randolph

III

OTELLO, Act IV, Scenes 1, 2, 3 and 5 *Verdi*
Desdemona—Claudia Bray
Emilia—Marjorie Randolph
Otello—John Hanks

IV

THE BARBER OF SEVILLE, Act II, Scene I (In English) *Rossini*
Count Almaviva—Michael Best
Don Bartolo—Charles Smith
Rosina—Claudia Bray
Figaro—Ronald Steed
Don Basilio—William Stone
Narrator, Garrett Schenck
Stage Direction—Victor Michalak and Kenneth Reardon
Musical Direction—John Hanks and Ruth Friedberg

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. John Nelson Russell Score for the Ph.D. degree in Religion will be held on Saturday, May 4th at 10:00 a.m. in the Library Conference Room. The subject of Mr. Score's dissertation is "A Study of the Concept of the Ministry in the Thought of John Wesley." The committee to conduct the examination consists of Professors Robert Cushman, Waldo Beach, Stuart Henry, Shelton Smith, and Robert Connery. Professor Cushman will preside.

ALPHA PHI OMEGA RUMMAGE SALE

Alpha Phi Omega, campus service fraternity, will sponsor a rummage sale in the Union Arch on Saturday, May 4th from 12:30 to 6:00 p.m.

West Campus collections will be made in the individual rooms. Off-campus parties with material may bring their items to the back of Page Auditorium on Wednesday through Friday, May 1st through May 3rd from 7:00-10:00 p.m.

INTERNATIONAL CLUB COSTUME BALL

Under the auspices of the International Club a Costume Ball will be held on Saturday, May 4th from 8:30-12:00 midnight in the Methodist Student Center. Admission prices are \$1.00—Stag; \$1.50—Drag; with an additional charge of 50¢ if no costume is worn.

EVERETT WESLEY HALL LECTURE SERIES

Professor Thomas Thompson of the State College of Iowa, Department of Philosophy will present another lecture in the series in honor of Everett Wesley Hall on Wednesday, May 1st at 8:00 p.m. in Room 213 Caldwell Hall, in Chapel Hill. His topic will be "Hall's Aesthetics." Interested members of the University Community are cordially invited to attend.

MARRIAGE SEMINAR

The Special Observances Committee of the University Religious Council will sponsor a second Marriage Seminar led by Mrs. Ethel Nash and Dr. Charles Flowers on May 3-5. The Seminar is open to all senior men and women and couples who will be married in the next 6-8 months. Applications are available in the Chapel basement and 110 Faculty Apts., East Campus.

ADVANCE NOTICE CHAPEL CHOIR PRESENTS FAURE REQUIEM

The Duke Chapel Choir will present Gabriel Fauré's *Requiem* at the annual Spring Concert next Sunday afternoon, May 5, at four o'clock. The performance will be given in the Chapel, under the direction of Professor Paul Young, Director of Choral Activities, with Mildred L. Hendrix, University Organist, at the organ. Soloists will be Alice Riley, Soprano (from Chicago); and Byung Kwon, Tenor (from Chapel Hill). The University Community and the public are cordially invited to attend.

ADVANCE NOTICE POETRY READING BY DONALD HALL

The Educational Affairs Committee of the Student Union, in co-operation with the Department of English, will present the second poet in the North Carolina Poetry Circuit, Donald Hall, on Sunday, May 5th at 8:15 p.m. in Room 208 Flowers Building. A

teacher of English at the University of Michigan, Mr. Hall will read from and comment on his poetry.

Mr. Hall has published two books of poetry: *Exiles and Marriage* and *The Dark Houses*.

The public is cordially invited to attend.

ADVANCE NOTICE WOODROW WILSON FOUNDATION RECEPTION

On Tuesday afternoon, May 7th from 4:30 to 6:00 p.m., there will be a reception at University House on Myrtle Drive, sponsored by the Woodrow Wilson National Fellowship Foundation, to honor the fourteen Duke students elected to Woodrow Wilson Fellows for graduate study in the academic year 1963-64.

The guests will include the newly elected Fellows, the four seniors who were awarded Honorable Mention in the competition, students in the Graduate School who are Woodrow Wilson Fellows, officers of the University, and representative faculty members of the departments that nominated the Fellows.

CHORAL ACTIVITIES AUDITIONS

AUDITIONS will be given to persons interested in singing with any or all of the groups in Choral Activities. Both students and members of the faculty and community with advanced choral ability are also urged to audition for Chapel Choir. Call the Choral Activities office—3898 or come by Room 210 Flowers Building for an appointment. Auditions will start on Monday, April 22nd and continue through Thursday, May 2nd. Students already in the Choral Activities will have to re-audition for the next school term—1963-64.

HARVARD SUMMER SCHOOL SCHOLARSHIP

Students interested in applying for scholarships to Harvard Summer School and who have not registered with Dr. H. J. Herring should see him promptly. His office is Room 216 Allen Building.

ART EXHIBIT

For the final loan exhibition of the academic year 1962-63, the Art Department and the Student Union are proudly presenting an exhibition of the Graphic Arts of Leonard Baskin. Through the generosity of Professor and Mrs. Allen P. Sindler, thirty-two of Baskin's etchings, wood engravings, lithographs and woodcuts have been made available for viewing in the Woman's College Library Gallery from April 20th through May 15th. Leonard Baskin has been ac-

claimed as America's most original and technically proficient print maker. Exhibited here are works ranging from a powerful lifesize woodcut of the early 1950's to the delicate and sensitively executed portrait of Rodin, a lithograph of 1963. Noted also for his drawings, sculpture, bass reliefs, and book designs, the thirty-two works exhibited here demonstrate vividly the creative genius of one of the truly individual artists of the mid-twentieth century.

ART EXHIBIT PURCHASES

All persons who have bought or wish to buy lithographs and etchings which have been in the "FOR YOUNG COLLECTORS" exhibits in the Woman's College Library Gallery on East Campus and the Alumni Lounge on West Campus may pick up their purchases until May 1st. Those bought in the Library Gallery will be in the Art Department and those from the Alumni Lounge will be in Room 202-A Flowers Building.

1963-64 ARTISTS SERIES ANNOUNCEMENT

The 1963-64 Duke University Artists Series announces the following concerts for the 1963-64 Season:

Tuesday, December 3rd

THE GOLDOVSKY GRAND OPERA THEATER
Puccini's "Tosca"

Tuesday, February 4th

BACH ARIA GROUP

Tuesday, March 10th

PRESTI AND LOGOYA, Guitar-Duo

Friday, March 20th

PITTSBURGH SYMPHONY ORCHESTRA
William Steinberg, Music Director

Friday, April 17th

JOHN BROWNING, Pianist

FACULTY SUMMER RESEARCH FELLOWSHIPS

Seven faculty research fellowships for the summer of 1964 are available through the University Research Council. Members of the Arts and Sciences and Engi-

neering faculties of the rank of Associate Professor or Assistant Professor are eligible to apply. Further information may be secured from departmental chairmen, and application forms may be secured in the History Office, 236 Allen Building. Applications must be received by Saturday, May 11th.

OFF-THE-SERIES ATTRACTION 1963-'64

Tuesday, November 19th

The Regimental Band and Massed Pipers
of the BLACK WATCH (Royal Highland Regiment)
with Highland Dancers from the Edinburgh Festival

Season ticket reservations for the first five attractions, priced at \$8.00, \$9.00, and \$10.00, are available in Room 202-A Flowers Building, by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station, Durham, North Carolina. All of these attractions will be staged in Page Auditorium.

The BLACK WATCH will take place in the Indoor Stadium and reserved seats will be priced at \$2.50 and \$2.00 with a special price of \$1.50 and \$1.25 to Artists Series patrons. Children's tickets are priced at \$1.25 and \$1.00.

DUKE UNIVERSITY EUROPEAN GROUP TRAVEL PLAN

There will be opportunities again this summer for members of the Duke University Community to avail themselves of a group discount fare (plane) to Europe.

Full details may be obtained in 202-A Flowers Building or by calling Extension 2911.

ADVANCE NOTICE GRADUATE GERMAN EXAMINATION

The German Examinations for candidates for graduate degrees will be given on Monday through Friday, April 29th-May 3rd. Candidates should register in the Graduate School Office for this examination not later than Wednesday, April 17th.

WEEK OF
May 5-11, 1963

CALENDAR

OF

DUKE UNIVERSITY



WEEK OF
May 5-11, 1963

Events of the Week

Sunday, May 5

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship, University Chapel. Preacher: Canon Charles E. Raven, Chaplain to the Queen of England. Sermon: "Sequel to the Resurrection." Broadcast over Radio Station WDNC and WDNC-FM.

4:00 p.m. Chapel Choir Spring Concert: *Requiem* by Gabriel Fauré.

8:15 p.m. Poetry Reading: Donald Hall. Room 208 Flowers Building.

Monday, May 6

3:00 p.m. Freshman Baseball. Duke versus U.N.C. Stadium.

4:00 p.m. Engineering Faculty Council. Conference Room, Engineering Building.

4:15 p.m. Zoology Seminar. Auditorium, Biological Sciences Building. Speaker: Dr. Ted Murphy.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15 p.m. Faculty Volleyball. Indoor Stadium.

7:30 p.m. The final examination of Mr. Douglas Lawson for the Ph.D. degree in Religion. Library Conference Room.

8:00 p.m. Erasmus Club Meeting. Green Room, East Duke Building. Speaker: Professor Louis Patton.

8:00 p.m. Visiting Scientist Program. Room 110 Biological Sciences Building. Speaker: Dr. Irvine T. Haig.

Tuesday, May 7

10:10 a.m. Divinity School Chapel. York Chapel. Professor Egil Grislis.

12:45-2:00 p.m. Madrigal Singers Rehearsal. Room 109 Asbury Building.

2:00 p.m. Ford International Studies Lecture. Room 113 Physics Building. Speaker: Mrs. Mary Bull.

2:00 p.m. Visiting Scientist Program. Room 209 Biological Sciences Building. Speaker: Dr. Irvine T. Haig.

3:00 p.m. Freshman Baseball. Duke versus Louisville. Stadium.

3:00 p.m. Varsity Tennis: Duke versus Presbyterian. West Courts.

3:30 p.m. The final examination of Mr. Edwin Munson Curley for the Ph.D. degree in Philosophy. Room 211-A West Duke Building.

4:15-6:00 p.m. Duke Concert Band Rehearsal. Room 208 Asbury Building.

4:30-6:00 p.m. Woodrow Wilson Foundation Reception. University House, Myrtle Drive.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 5:30 p.m. Trinity College Historical Society Meeting. Men's Graduate Center. Special cafeteria line.
- 7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.
- 7:30 p.m. The final examination of Mr. John Howell for the Ph.D. degree in Religion. Library Conference Room.
- 8:00 p.m. Visiting Scientist Program. Auditorium, Biological Sciences Building. Speaker: Dr. Irvine T. Haig.
- 8:15 p.m. Student Organ Recital: Students of Mrs. Mildred Hendrix, University Organist. Methodist Student Center.
- 8:15 p.m. Parapsychology Lecture. Music Room, East Duke Building. Speaker: Dr. J. B. Rhine.
- 8:15 p.m. Duke Chapter of the American Association of University Professors Meeting. Room 208 Flowers Building. Speaker: Mr. William L. Brinkley, Jr.

Wednesday, May 8

- 10:10 a.m. Divinity School Chapel. York Chapel. Professor Egil Grislis.
- 3:00 p.m. Freshman Baseball. Duke versus N. C. State. Stadium.
- 4:00 p.m. Joint Anatomy, Physiology and Psychology Colloquium. Hospital Amphitheater. Speaker: Dr. H. G. Wagner.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "SYMPHONIE PASTORALE" (French) with Michele Morgan and Pierre Blanchar. Produced by the author, André Gide, it is an "Intense, disturbing film with great pictorial beauty and sensitivity"—N. Y. Times.
- 7:30-9:45 p.m. Duke Symphony Orchestra Rehearsal. Room 208 Asbury Building.

Thursday, May 9

- 10:10 a.m. Divinity School Chapel. York Chapel. Mr. H. J. Rector.
- 12:30 p.m. Plant Ecology Seminar. Room 144 Biological Sciences Building. Speaker: Dr. K. R. Knoerr.
- 3:00 p.m. Varsity Tennis: ACC Tournament. Chapel Hill, N. C.
- 3:30-5:00 p.m. Madrigal Singers Dehearsal. Room 109 Asbury Building.
- 4:00 p.m. Undergraduate Faculty Council Meeting. Room 208 Flowers Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

- 5:15 p.m. Faculty Volleyball. Indoor Stadium.
- 7:00-9:00 p.m. Julia Dale Mathematics Examination. Room 132, Physics Building.
- 8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.
- 8:15 p.m. Duke Symphony Orchestra Concert. Page Auditorium.

Friday, May 10

- 10:10 a.m. Divinity School Chapel. York Chapel. A special music program by the Divinity School Choir.
- 10:00 a.m.-5:00 p.m. Student Union Side Walk Art Exhibit. West Quadrangle.
- 3:00 p.m. Varsity Tennis: ACC Tournament. Chapel Hill, North Carolina.
- 3:00 p.m. Varsity Track: ACC Tournament. Chapel Hill, North Carolina.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their mothers.
- 5:30 p.m. Kappa Delta Pi Initiation and Banquet. Room 204-X Trinity College Union Building.
- 7:30 p.m. The final examination of Mr. Harry Tom Frank for the Ph.D. degree in Religion. Library Conference Room.
- 8:15 p.m. Contemporary Song Recital: Helen Boatwright, soprano. Music Room, East Duke Building.
- 8:30 p.m. Play Production Class: One Act Plays. Branson Hall.

Saturday, May 11

- 8:30 a.m. The final examination of Miss Evelyn Rebecca Fulbright for the Ed.D. degree. Room 8A West Duke Building.
- 10:30 a.m. The final examination of Miss Virginia Anne Flowers for the Ed.D. degree. Room 8A West Duke Building.
- 2:00 p.m. Varsity Tennis: ACC Tournament. Chapel Hill, North Carolina.
- 2:00 p.m. Varsity Track: ACC Meet. Chapel Hill, North Carolina.
- 7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "SYMPHONIE PASTORALE" with Michele Morgan and Pierre Blanchar. Produced by the author, André Gide, it is an "Intense, disturbing film with great pictorial beauty and sensitivity."—N. Y. Times.
- 8:30 p.m. Play Production Class: One Act Plays. Branson Hall.

UNIVERSITY SERVICE OF WORSHIP

Canon Charles E. Raven, Chaplain to the Queen of England, will deliver the sermon at the University Service of Worship on Sunday, May 5th at 11:00 a.m. in the University Chapel. The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister.

Opening Organ Voluntary—Chaconne *Buxtehude*
Concerto I *Bach*

Allegro—Grave

Choral Adoration—"Sanctus" from *Mass II* *Hassler*

Hymn—"O For A Thousand Tongues to Sing"
Carl G. Gläser

The Prayer of Confession

Words of Assurance

The Lord's Prayer

Solo—Alice Riley, soprano

Scripture Lesson

Hymn—"Come, Ye Faithful, Raise the Strain"
Arthur S. Sullivan

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession,
Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Agnus Dei" from *Requiem* *Gabriel Fauré*

Response—The Doxology

Prayer of Dedication

Sermon—"Sequel to the Resurrection"

Prayer

Benediction

Choral Response—"Sevenfold Amen" *Stainer*

The Chimes

Closing Organ Voluntary—Fugue in D minor *Bach*

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: **Wednesday**, 5:30 P.M., Center, Worship followed by Council meeting. **Friday**, Meet at the Center at 5:00 P.M. for departure to outing in honor of June grads—private swimming pool, picnic, etc.

CHRISTIAN SCIENCE ORGANIZATION: **Tuesday**, 6:45 P.M., East Duke Chapel.

EPISCOPAL UNIVERSITY CENTER: **Sunday**, 9:30 A.M., Center, Holy Communion; 6:00 P.M., Picnic for all Episcopalians at the Chaplain's home—Transportation will leave West Chapel steps and East circle at 6:00 P.M. **Wednesday**, 7:10 A.M. and 5:30 P.M., Holy Communion. **Thursday**, 5:15 P.M., Inquirer's Class. **Friday**, 3:00 P.M., Final meeting of seminar—"Image of Man in Contemporary Drama"; 7:30 P.M., Service of Confirmation and Annual Visitation of the Bishop of North Carolina.

LUTHERAN STUDENT ASSOCIATION: **Sunday**, 5:00 P.M., Picnic at Poplar Apts. Picnic Area; Chaplain and Mrs. Shuford, hosts. **Wednesday**, 7:15

A.M., Holy Communion at the Presbyterian Student Center on Alexander Street.

METHODIST STUDENT CENTER: **Sunday**, 9:30 A.M., Center, Seminar—"Renewal of the Church"; 6:00 P.M., Worship; 7:00 P.M., Forum—Dr. Hugh Anderson of the Divinity School will speak on "Contemporary Biblical Theology and the Implications for the Laity." **Wednesday**, 6:00 P.M., Center, Holy Communion.

Applications are now being accepted for the Community of Lay Scholars, a lay theological education community. Those interested in participating next year should contact Chaplain Jack Carroll at the Methodist Center (286-9230) or Miss Barbara Benedict (ext. 2909). The Community is open to all students.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: **Sunday**, 5:30 P.M., Vespers, Supper, Discussion.

CHAPEL CHOIR SPRING CONCERT

The Duke Chapel Choir will present Gabriel Fauré's *Requiem* at the annual Spring Concert on Sunday afternoon, May 5th at four o'clock. The performance will be given in the Chapel, under the direction of Mr. James Young, Assistant Director of Choral Activities, with Mildred L. Hendrix, University Organist, at the organ. Soloists will be Alice Riley, soprano, of Chicago and Byung Kwon, tenor, of Chapel Hill. The University Community and the public are cordially invited to attend.

POETRY READING

Donald Hall, poet from the University of Michigan, will read selections from his poems on Sunday, May 5th at 8:15 p.m. in Room 208 Flowers Building. Sponsored jointly by the English Department and the Student Union, Mr. Hall comes to Duke under the auspices of the North Carolina Poetry Circuit. He is the author of two volumes of poetry, *Exiles and Marriages* and *The Dark Houses*, and of a book entitled *String Too Short to Be Saved*. He was at one time the poetry editor of *The Paris Review*. Mr. Hall's reading will be open to the public without charge.

ENGINEERING FACULTY COUNCIL

The Engineering Faculty Council will meet on Monday, May 6th, at 4:00 p.m. in the Conference Room of the Engineering Building.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, May 6th in the auditorium of the Biological Sciences Building at 4:15 p.m. Dr. Ted

Murphy of the Department of Zoology will speak on "Amphibian Populations and Movements at a Small Semi-Permanent Pond in Orange County, North Carolina." Coffee and tea will be served in the foyer at 4:00 p.m.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Douglas Lawson for the Ph.D. degree in Religion will be held on Monday, May 6th at 7:30 p.m. in the Library Conference Room. The subject of Mr. Lawson's dissertation is "The Idea of Progress in the Theology of Harry Emerson Fosdick." The committee to conduct the examination consists of Professors Shelton Smith, Waldo Beach, Hans Hillerbrand, Frederick Herzog, and Robert Durden. Professor Smith will preside.

ERASMUS CLUB

The Erasmus Club will meet on Monday, May 6th at 8:00 p.m. in the Green Room, East Duke Building. Professor Lewis Patton of the Department of English will read a paper entitled "Godwin's Relations with Revolutionary France."

VISITING SCIENTIST PROGRAM

Mr. Irvine T. Haig, distinguished scientist, author, lecturer and authority on International Forestry will be on campus Monday and Tuesday, May 6th and 7th, for two lectures and a seminar. Dr. Haig is appearing as a visiting scientist sponsored by the National Science Foundation, Society of American Foresters and the School of Forestry.

While on campus Dr. Haig's lecture schedule will be as follows:

Monday, May 6th, 8:00 p.m.

Room 110 Biological Sciences Building.

A FOREST EXPEDITION TO CHILE—An illustrated lecture covering the nature of technical assistance missions and some of the problems involved in almost 20 years of forestry activity in Chile by both international and uni-lateral agencies. Tuesday, May 7th, 2:00 p.m.

Room 209 Biological Sciences Building

INTERNATIONAL FORESTRY PROGRAMS—A seminar describing the forestry programs of various agencies with particular emphasis on the career opportunities and training experience requirements.

8:00 p.m. Auditorium, Biological Sciences Building.

FORESTRY AND FOREIGN AID—An illustrated lecture dealing with the reasons, justification, character and problems of technical foreign aid programs. The emphasis will be on need, justification and the broad problems encountered in making such programs successful, rather than the details of forestry programs. Illustrations cover general views of forests, people, and forest problems of underdeveloped areas.

Interested members of the University Community are cordially invited to attend.

FORD INTERNATIONAL STUDIES LECTURE

Mrs. Mary Bull, associated with Margery Perham in the editing of Lord Lugard's West African journals, will talk on this work on Tuesday, May 7th, at 2:00 p.m. in Room 113 Physics Building. Interested persons are cordially invited to attend. Mrs. Bull is visiting Duke under the auspices of the committee administering the Ford International Studies-Commonwealth grant.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Edwin Munson Curley for the Ph.D. degree in Philosophy will be held on Tuesday, May 7th, at 3:30 p.m. in Room 211-A West Duke Building. The subject of Mr. Curley's dissertation is "Spinoza's Metaphysics; an Interpretation." The committee to conduct the examination consists of Professors Bernard Peach, R. L. Clark, R. W. Binkley, C. A. Baylis, and E. W. Nelson. Professor Peach will preside.

WOODROW WILSON FOUNDATION RECEPTION

On Tuesday afternoon, May 7th from 4:30 to 6:00 p.m., there will be a reception at University House on Myrtle Drive, sponsored by the Woodrow Wilson National Fellowship Foundation, to honor the fourteen Duke students elected to Woodrow Wilson Fellows for graduate study in the academic year 1963-64.

The guests will include the newly elected Fellows, the four seniors who were awarded Honorable Mention in the competition, students in the Graduate School who are Woodrow Wilson Fellows, officers of the University, and representative faculty members of the departments that nominated the Fellows.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. John Howell for the Ph.D. degree in Religion will be held on Tuesday, May 7th at 7:30 p.m. in the Library Conference Room. The subject of Mr. Howell's dissertation is "A Study of the Theological Method of Horace Bushnell and Its Application to His Cardinal Doctrines." The committee to conduct the examination consists of Shelton Smith, Waldo Beach, Ray Petry, Frederick Herzog, and John Hallowell. Professor Smith will preside.

PARAPSYCHOLOGY LECTURE SERIES

The Parapsychology Laboratory announces the last in a series of four public lectures to be given during the academic year. On Tuesday, May 7th at 8:15 p.m. in the Music Room, East Duke Building, Dr. J. B.

Rhine will speak on the topic: "Parapsychology at Duke—Past, Present, and Future." All members of the University Community are cordially invited to attend the lecture.

STUDENT ORGAN RECITAL

The Department of Music will present a student organ recital by students of Mrs. Mildred Hendrix on Tuesday, May 7th at 8:15 p.m. in the Methodist Student Center. The University Community and the general public are cordially invited to attend. The program will be as follows:

Fugue in E flat (the St. Anne)	J. S. Bach
Judith Weingarth	
Toccata	George Muffat
Choral, Allegro, Adagio, Allegro	
Annette Brisendine	
Prelude and Fugue in C minor	J. S. Bach
John Simpson	
Chorale-Prelude	J. S. Bach
"If Thou But Suffer God to Guide Thee"	
Terry Scott	
Toccata	Gigout
Pat Davis	
Prelude from "Prelude, Fugue and Variation"	Cesar Franck
Jackie Ward Emlet	
Sonata III	Hindemith
First and third movements	
Michael Menne	
Toccata	Marius Monnikendam
Bill Trexler	

AMERICAN ASSOCIATION OF UNIVERSITY PROFESSORS MEETING

The Duke Chapter of the American Association of University Professors will meet on Tuesday, May 7th at 8:15 in Room 208 Flowers Building. Mr. William L. Brinkley, Jr., will speak about admissions policies at Duke University. Officers for the coming year will be elected.

JOINT ANATOMY, PHYSIOLOGY AND PSYCHOLOGY COLLOQUIUM

The Anatomy, Physiology and Psychology Colloquium Series will present Dr. H. G. Wagner, of the Naval Medical Research Institute on Wednesday, May 8th at 4:00 p.m. in the Hospital Amphitheater. His topic will be "An Analysis of the Electrical Manifestations of Physiological Activity in the Retina."

PLANT ECOLOGY SEMINAR

The Plant Ecology Seminar will be held on Thursday, May 9th at 12:30 p.m. in Room 144 Biological

Sciences Building. Dr. K. R. Knoerr, Assistant Professor of Forestry, will discuss "Energy Balance of Forest Stands," particularly in relation to research which was started recently in the Duke Forest.

UNDERGRADUATE FACULTY COUNCIL

The Undergraduate Faculty Council will meet at 4:00 p.m. on Thursday, May 9th in Room 208 Flowers Building.

SIDE WALK ART EXHIBIT

The Student Union, with the cooperation of the Department of Art, announces its annual Side Walk Art Exhibit to be held on Friday, May 10th, from 10:00 a.m. to 5:00 p.m. in the West Campus Quadrangle. Entries will be accepted from any member of the University Community and may include oils, watercolors, drawings, graphics and sculptures. All entries on thin paper should be matted for protection from the wind. The entire exhibit will be judged and the works may be purchased in accord with the wishes of the exhibitors.

Art classes will enter their competitions in Asbury Building on Tuesday and Wednesday, May 7th and 8th. All other campus entries should be brought to Room 207-A Flowers Building on Thursday, May 9th from 2:00-5:00 p.m.

KAPPA DELTA PI INITIATION AND BANQUET

Kappa Delta Pi, honorary and professional society in education, will have an initiation ceremony on Friday, May 10th, at 5:30 p.m., in Room 204X of the Trinity College Union Building on West Campus. Afterward, at 6:30 p.m., the annual Spring Banquet will be in the Union Ballroom. Dr. William C. Archie, Director of the North Carolina Board of Higher Education, will be the principal speaker. Reservations for the banquet should be made in E9A, West Duke Building, Department of Education, by May 7th.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Harry Tom Frank for the Ph.D. degree in Religion will be held on Friday, May 10th at 7:30 p.m. in the Library Conference Room. The subject of Mr. Frank's dissertation is "The Place and Significance of Maurice Goguel in New Testament Studies." The committee to conduct the examination consists of Professors Hugh Anderson, John Strugnell, Orval Wintermute, James Price, and Robert Rogers. Professor Anderson will preside.

DUKE SYMPHONY ORCHESTRA CONCERT

The Department of Music will present the Duke Symphony Orchestra in its final concert of the season on Thursday, May 9th at 8:15 p.m. in Page Auditorium. With Allan Bone, conductor, the program will feature as soloists Helen Boatwright, soprano, and Robert Nagel, trumpet. Admission charge will be \$1.00 or the presentation of the 1962-63 season ticket to the Duke Symphony performances.

Mrs. Boatwright has an established reputation both in this country and abroad as a singer possessing a wide repertoire ranging from the revival of masterworks in the pre-Bach era to numerous first performances of contemporary music presented at various musical festivals and centers. A graduate of Oberlin Conservatory, she currently lives at New Haven, Connecticut, where her husband, Howard Boatwright, is a faculty member of the School of Music of Yale University. In addition to her appearance with the Duke Symphony Mrs. Boatwright will present a "Contemporary Song Recital" on Friday, May 10th at 8:15 p.m. in the Music Room, East Duke Building.

Mr. Nagel, known as one of the country's most distinguished trumpet players, directs the New York Brass Quintet, is first trumpet with the Little Orchestra Society and a part-time instructor in the School of Music at Yale University. In addition to these appointments he is a free-lance studio and recording artist in New York City. His wide experience as a professional trumpet player is matched by a catalogue of over twenty compositions which include works for solo voice, chorus, chamber and full orchestra.

The program will be as follows:

Dovetail Overture, Opus 12	Robert Muczynski
L'amerò, sarò costante from "Il Re Pastore" (K. 208)	Mozart

Helen Boatwright, Soprano
Joseph Pepper, Violin Obligato

Three Songs from "Les Nuits d'Été," Opus 7	Berlioz
(Poems of Th. Gautier)	

Villanelle
Le Spectre de la Rose
Sur les Lagunes

Mrs. Boatwright, Soprano

INTERMISSION

Concerto for Trumpet and Strings, Opus 8	Robert Nagel
Moderate Slow: Introduction and Declamation Gay	

Mr. Nagel, Soloist

Sieben frühe Lieder (1907)	Berg
Orchestrated 1928 by the composer	

Nacht (Hauptmann)
Schilffied (Lenau)
Die Nachtigall (Storm)
Traumgekrönt (Rilke)
Im Zimmer (Schlaf)
Liebesode (Hartleben)
Sommertage (Hohenberg)

Mrs. Boatwright

Cantata No. 51, "Jauchzet Gott in allen Landen"	J. S. Bach
Arie Rezitativ Arie Choral	

Mrs. Boatwright
Mr. Nagel

CONTEMPORARY SONG RECITAL HELEN BOATWRIGHT, SOPRANO

The Department of Music will present a "Contemporary Song Recital" by Helen Boatwright, soprano, on Friday, May 10th at 8:15 p.m. in the Music Room, East Duke Building. (This program was originally scheduled for Wednesday, May 8th.) The University Community and the general public are cordially invited to attend.

Although an experienced performer possessing a wide repertoire, Mrs. Boatwright has devoted much attention to contemporary music and has presented many premier performances of "new music" at Tanglewood, the Yaddo Festival, concerts of the League of Composers in New York and in other musical centers in this country and abroad. Her recording of "Twenty-four Songs by Charles Ives" was hailed in July, 1955 by Philip Miller in **The American Record Guide** as "the finest contribution to the literature of recorded American song any artist has made to date." Mrs. Boatwright is also appearing as soprano soloist with the Duke Symphony Orchestra in its concert on Thursday evening, May 9th.

The program for the "Contemporary Song Recital" on Friday, May 10th will be as follows:

I

Normand Lockwood	Six Poems by Adelaide Crapsey
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Dirge

The Monk in the Garden

Adventure

Moon-Shadows

Roma Aeterna

Oh, Lady, Let the Sad Tears Fall

II

Alan Hovhaness, Opus 38	Venders Song (Carolyn Ladd)
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John Cowell

The Linnet (Walter de la Mare)

Quincy Porter

Graveyard (Alan Porter)

Sonnet (Alan Porter)

John Duke

Two Songs

Chill of the Eve (James Stephens)

Rapunzel (Adelaide Crapsey)

III

Alejandro Planchart	Five Solo Madrigals
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(On Poems of James Joyce)

Martha Alter

Three Poems of Stephen Crane

Howard Boatwright

Three Songs

On Hearing the Birds Siug (Irish Anon.)

O' by the by' (E. E. Cummings)

At the Round Earth's Imagined Corners (John Donne)

INTERMISSION

Charles Ives	Ten Songs
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Walking (Charles Ives)

Evening (Milton)

The See'r (Charles Ives)

Maple Leaves (Thomas Bailey Aldrich)

The Swimmers (Louis Untermeyer)

Two Little Flowers (Harmony T. Ives)

The Greatest Man (Anue Collins)

Sea Dirge (Shakespeare)

Ann Street (M. Morris)

General Booth Enters into Heaven (Vachel Lindsay)

ONE ACT PLAYS

Three one-act plays will be presented by the Play Production class of Mr. Victor Michalak on Friday and Saturday, May 10th and 11th at 8:30 p.m. in Branson Hall. The plays are entitled "All for Nothing" by Richard Ekker, '63; "The Twelve Pound Look" by J. M. Barrie; and "Box and Cox" by J. M. Morton. There is no admission charge and the public is cordially invited to attend.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Miss Evelyn Rebecca Fulbright for the Ed.D. degree will be held on Saturday, May 11th, at 8:30 a.m. in Room 8A West Duke Building. The subject of Miss Fulbright's dissertation is "Judicial Decisions Relating to the Curriculum of the Public Schools." The committee to conduct the examination consists of Professors E. C. Bolmeier, Allan S. Hurlburt, Olan L. Petty, W. A. Stumpf and Edgar Thompson. Professor Bolmeier will preside.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Miss Virginia Anne Flowers for the Ed.D. degree will be held on Saturday, May 11th, at 10:30 a.m. in Room 8A West Duke Building. The subject of Miss Flowers' dissertation is "The Legal Aspects of Pupil Control." The committee to conduct the examination consists of Professors E. C. Bolmeier, Allan S. Hurlburt, Olan L. Petty, W. A. Stumpf, and Edgar Thompson. Professor Bolmeier will preside.

HARVARD SUMMER SCHOOL SCHOLARSHIP

Students interested in applying for scholarships to Harvard Summer School and who have not registered with Dr. H. J. Herring should see him promptly. His office is Room 216 Allen Building.

1963-64 ARTISTS SERIES ANNOUNCEMENT

The 1963-64 Duke University Artists Series announces the following concerts for the 1963-64 Season:

Tuesday, December 3rd

THE GOLDOVSKY GRAND OPERA THEATER
Puccini's "Tosca"

Tuesday, February 4th

BACH ARIA GROUP

Tuesday, March 10th

PRESTI AND LOGOYA, Guitar-Duo

Friday, March 20th

PITTSBURGH SYMPHONY ORCHESTRA
William Steinberg, Music Director

Friday, April 17th

JOHN BROWNING, Pianist

OFF-THE-SERIES ATTRACTION 1963-'64

Tuesday, November 19th

The Regimental Band and Massed Pipers
of the BLACK WATCH (Royal Highland Regiment)
with Highland Dancers from the Edinburgh Festival

Season ticket reservations for the first five attractions, priced at \$8.00, \$9.00, and \$10.00, are available in Room 202-A Flowers Building, by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station, Durham, North Carolina. All of these attractions will be staged in Page Auditorium.

The BLACK WATCH will take place in the Indoor Stadium and reserved seats will be priced at \$2.50 and \$2.00 with a special price of \$1.50 and \$1.25 to Artists Series patrons. Children's tickets are priced at \$1.25 and \$1.00.

FACULTY SUMMER RESEARCH FELLOWSHIPS

Seven faculty research fellowships for the summer of 1964 are available through the University Research Council. Members of the Arts and Sciences and Engineering faculties of the rank of Associate Professor or Assistant Professor are eligible to apply. Further information may be secured from departmental chairmen, and application forms may be secured in the History Office, 236 Allen Building. Applications must be received by Saturday, May 11th.

ART EXHIBIT

For the final loan exhibition of the academic year 1962-63, the Art Department and the Student Union are proudly presenting an exhibition of the Graphic Arts of Leonard Baskin. Through the generosity of Professor and Mrs. Allen P. Sindler, thirty-two of Baskin's etchings, wood engravings, lithographs and woodcuts have been made available for viewing in the Woman's College Library Gallery from April 20th through May 15th. Leonard Baskin has been acclaimed as America's most original and technically proficient print maker. Exhibited here are works ranging from a powerful lifesize woodcut of the early 1950's to the delicate and sensitively executed portrait of Rodin, a lithograph of 1963. Noted also for his drawings, sculpture, bass reliefs, and book designs, the thirty-two works exhibited here demonstrate vividly the creative genius of one of the truly individual artists of the mid-twentieth century.

FINAL NOTICE DUKE UNIVERSITY EUROPEAN GROUP TRAVEL PLAN

There will be opportunities again this summer for members of the Duke University Community to avail themselves of a group discount fare (plane) to Europe.

Full details may be obtained in 202-A Flowers Building or by calling Extension 2911.

DUKE FOREST RECREATIONAL USE

Members of the University Community are invited to make use of the Duke Forest for recreational purposes, such as hiking, picnicking and fishing in the approved areas. Keys to the improved picnic sites may be checked out and the sites reserved at the Duke Forest Office in the Biological Sciences Building, West Campus. There is no charge for the use of the picnic areas but the Forest rules (which include an observance by students of campus regulations) are to be honored.

The Forest rules, which are strictly enforced, are:

- (1) No fires of any kind are permitted on the Forest at any time except in the grills at the improved picnic sites.
- (2) Cars, motorcycles and motor scooters are *not* allowed within the Forest or on forest roads except at the four picnic sites.
- (3) All gates must *not* be blocked at any time. The roads are for emergency use as well as normal access in the operation of the Forest.
- (4) Trees, brush and grasses must *not* be cut, scarred, or in any way mutilated as such damage will destroy research projects.
- (5) Hunting or shooting of fire arms and air rifles are not permitted.

The foregoing rules are to protect the large investment in time, money, and human energy on research projects established within the Duke Forest.

JULIA DALE PRIZE IN MATHEMATICS

Content: Examination on the material covered in Math 21-22 and Math 63-64.

Eligibility: Those students who are now taking Math 64 and those students who have completed this course (or its equivalent) since last commencement.

Prizes: Cash prizes of approximately \$30.00 for first prize and approximately \$20.00 for second prize. The distinction of winning is a valuable asset on a student's record. The names of the winner and the runner-up are listed on the commencement program. The committee reserves the right to withhold the awards if the results of the examination are not of sufficient merit.

Time: 7:00-9:00 p.m. Thursday, May 9th.

Place: Room 132, Physics Building.

Procedure: Come at the appointed time and bring a mathematics exam book with you. Do not write your name on this book.

EVERETT WESLEY HALL LECTURE SERIES

Professor Paul Welsh, Department of Philosophy, Duke University, will present another lecture in the series of lectures in honor of Everett Wesley Hall

on Thursday, May 9th at 8:00 p.m. in Room 213 Caldwell Hall, Chapel Hill. Professor Welsh will speak on "The A Priori and Empirical Elements in Hall's Aesthetics." Interested members of the University Community are cordially invited to attend.

ADVANCE NOTICE CONCERT BAND LAWN CONCERT

The Department of Music will present a lawn concert by the Duke Concert Band, James Henry, conducting, on Sunday, May 12th at 2:30 p.m. in the Sarah P. Duke Memorial Gardens. The University Community and the general public are cordially invited to attend. The program will be as follows:

The Klaxon	Henry Fillmore
Marche Hongroise-Rakoczy	Hector Berlioz
Spiritual for Band	Owen Reed
March from "Folk Song Suite"	Vaughn-Williams
Student Conductor, James Rivera	
Intermezzo from the opera, "Vanessa"	Samuel Barber
Selections from "South Pacific"	Richard Rogers
	arr. Erik Leidzen
Parade of the Cliches	Livingston Gearhart
Puerto Alegre	William E. Rhoads
Star Spangled Spectacular	arr. John Cacavos
The music of George M. Cohan	
Coat of Arms	George Kenny

ADVANCE NOTICE TRENT MEMORIAL LECTURE

Dr. Robert M. Stecher of the Western Reserve University School of Medicine and Cleveland Metropolitan General Hospital will deliver the 1963 Trent Memorial Lecture here on Monday, May 13th. His topic will be "Charles Darwin—His Story and His Personality." All members of the University Community are invited to the lecture at 8:15 p.m. in the auditorium of the Biological Sciences Building.

Dr. Stecher, an internationally known expert on arthritis and rheumatism, has long been interested in science history. The Trent Memorial Lectures are made possible by Mrs. James H. Semans in memory of her late husband, Dr. Josiah C. Trent of the Duke Medical Center faculty.

SCHEDULING NOTICE

Information for the printed UNIVERSITY FALL ACTIVITIES CALENDAR, published and distributed by the Student Union, must be in Room 202-A Flowers Building by May 24th. Faculty and staff members scheduling events for the 1963-64 academic year are urged to record these dates as soon as possible.

WEEK OF
May 12-18, 1963

WEEK OF
May 12-18, 1963

CALENDAR OF DUKE UNIVERSITY



Events of the Week

Sunday, May 12

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship, University Chapel. Preacher: Canon Charles E. Raven, Chaplain to the Queen of England. Sermon: "Sequel to the Resurrection, II." Broadcast over Radio Station WDNC and WDNC-FM.

5:30 p.m. Fellowship of Christian Athletes Picnic-Vesper Service. Section D Duke Forest. Speaker: Dr. Thomas A. Langford.

Monday, May 13

2:00 p.m. The final examination of Mr. Norman Olsen for the Ph.D. degree in English. Room 312 Allen Building.

3:00 p.m. The final examination of Mr. Robert D. Borgman for the Ph.D. degree in Psychology. Room 204 Bivins Building.

4:15 p.m. Zoology Seminar. Auditorium, Biological Sciences Building. Speakers: Bera L. Arm, Susan F. King, and Mary E. Wirtenson.

4:30 p.m. Fallout Preparedness Committee Meeting. Trustee Board Room, Allen Building.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15 p.m. Faculty Volleyball. Indoor Stadium.

8:15 p.m. Trent Memorial Lecture. Auditorium, Biological Sciences Building. Speaker: Dr. Robert M. Stecher.

Tuesday, May 14

9:30 a.m. The final examination of Mr. Robert S. Robins for the Ph.D. degree in Political Science. Library Conference Room.

10:10 a.m. Divinity School Chapel. York Chapel. Professor McMurry S. Richey.

3:00-5:00 p.m. Campus Club Garden Tea. University House Garden.

5:00 p.m. Council on Gerontology. Room 208 Flowers Building. Speaker: Dr. Robert W. Kleemeier.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

7:30 p.m. Duke Fencing Club Meeting. Main Floor, Card Gymnasium.

8:15 p.m. Music Department Student Recital: Students of Ronald Fishbaugh. Music Room, East Duke Building.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

Wednesday, May 15

- 10:10 a.m. Divinity School Chapel. York Chapel. Closing Convocation, Dean Robert E. Cushman presiding.
- 4:00 p.m. Joint Anatomy, Physiology and Psychology Colloquium. Hospital Amphitheater. Speaker: Dr. Vincent Dethier.
- 4:00 p.m. Joint Duke-UNC Physics Colloquium. Room 114 Physics Building. Speaker: Dr. P. W. Anderson.
- 4:00-5:30 p.m. NROTC and AFROTC Combined Review. Parade Grounds. Page in case of rain.
- 4:15 p.m. Botany Seminar. Room 111 Biological Sciences Building (Auditorium). Speaker: Dr. Richard A. White.
- 4:30 p.m. Chemistry Honors Convocation. Room 01 Chemistry Building. Speaker: Dr. Arthur F. Scott.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.
- 7:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "MURDER, SHE SAID" (British) with Margaret Rutherford, Arthur Keunedy, and James Robertson-Justice. "Funny and suspenseful . . . this homicide in triplicate."—**N. Y. Times.** "A rare treat played in great style by Margaret Rutherford."—**Herald Tribune.**
- 8:00 p.m. Fritz London Memorial Lecture. Auditorium, Biological Sciences Building. Speaker: Dr. Peter J. W. Debye.
- 8:15 p.m. Student Recital: Students of Loren Withers. Music Room, East Duke Building.

Thursday, May 16

- 9:30 a.m. The final examination of Mr. Gregory Neil Brown for the Doctor of Forestry. Room 140 Biological Sciences Building.
- 10:10 a.m. Divinity School Chapel. York Chapel. Holy Communion, Professor McMurry S. Richey, celebrant.
- 11:30 a.m. Civil Engineering Seminar. Room 120 Engineering Building. Speaker: Mr. Edward W. Suyder.
- 2:30 p.m. The final examination of Mr. Walter Conard Gass for the Ed.D. degree. Room 08A, West Duke Building.
- 4:00 p.m. Graduate Faculty Meeting. Room 208 Flowers Building.

5:00 p.m. Spring Semester Classes End.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

5:15 p.m. Faculty Volleyball. Indoor Stadium.

8:00 p.m. Newcomers Club Evening Reception. (With husbands). Home of Mrs. R. Taylor Cole, 7 Sylvan Road.

8:15 p.m. West Campus Swimming Pool open to faculty members and their families. Faculty children will be admitted only when accompanied by their parents.

Friday, May 17

- 9:30 a.m. The final examination of Mr. Quentin G. Kraft for the Ph.D. degree in Philosophy. Room 312 Allen Building.
- 10:10 a.m. Divinity School Chapel. York Chapel. Closing Service, Dean Robert E. Cushman, Professor McMurry S. Richey, and Mr. H. J. Rector.
- 10:30 a.m. The final examination of Mr. Thoe Clyde Pilkington for the Ph.D. degree in Electrical Engineering. Room 132 Engineering Building.
- 2:30 p.m. The final examination of Mr. David A. Mathewes, Jr. for the Ph.D. degree in Chemistry. Room 220 Chemistry Building.
- 3:30 p.m. The final examination of Mr. Lonnie Dean Kliever for the Ph.D. degree in Religion.
- 3:30 p.m. The final examination of Miss Lois Ann Broekhoff for the Ph.D. degree in Psychology. Room 204 Bivins Building.
- 5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students. Faculty daughters, ages 6-16, may also swim; those 12 and under must be accompanied by their mothers.

Saturday, May 18

Final Examinations Begin.

4:00 p.m. Faculty Club Picnic. East Campus Quadrangle.

7:05 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "MURDER, SHE SAID" (British) with Margaret Rutherford, Arthur Kennedy, and James Robertson-Justice. "Funny and suspenseful . . . this homicide in triplicate."—**N. Y. Times.** "A rare treat played in great style by Margaret Rutherford."—**Herald Tribune.**

UNIVERSITY SERVICE OF WORSHIP

Canon Charles E. Raven, Chaplain to the Queen of England, will deliver the sermon at the University Service of Worship on Sunday, May 12th at 11:00 a.m. in the University Chapel. His subject will be "Sequel to the Resurrection, II." The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister.

Opening Organ Voluntary—Suite Medievale *Jean Langlais*
Prelude, Tiento, Improvisation

Choral Adoration—"Sanctus" from *Mass II* *Hans Leo Hassler*
Hymn—"We Gather Together" *Netherland Folk Song*
Arr. by Edward Kremser

The Prayer of Confession

Words of Assurance

The Lord's Prayer

Anthem—"Let Thy Merciful Ears, O Lord" *Thomas Weelkes*

Scripture Lesson—Ephesians 4:1-8; 11-13

Hymn—"Sing with All the Sons of Glory" *Beethoven*

Call to Prayer

The Pastoral Prayer of Adoration, Thanksgiving, Intercession,
Petition and Dedication

The Offering

Offertory Organ Interlude

Anthem—"Thy Word Is A Lantern" *Henry Purcell*

Response—The Doxology

Prayer of Dedication

Sermon—"Sequel to the Resurrection, II"

Prayer

Benediction

Choral Response "Sevenfold Amen" *Stainer*

The Chimes

Closing Organ Voluntary—Toccata *Gigout*

Chapel preacher, Sunday, May 19th: The Reverend Howard C. Wilkinson, Chaplain to the University.

DENOMINATIONAL ANNOUNCEMENTS

CHRISTIAN SCIENCE ORGANIZATION: **Tuesday**, 6:45 P.M., East Duke Chapel.

LUTHERAN STUDENT ASSOCIATION: **Sunday**, 6:30 P.M., Green Room, East Duke Building, East Campus—Henry McKay will speak on "Guilt" and associated subjects; Mr. McKay is a Lutheran Chaplain Intern at N. C. State College. **Wednesday**, 7:15 A.M., Presbyterian Student Center, Holy Communion. These two meetings will conclude the LSA program for this academic year.

METHODIST STUDENT CENTER: **Sunday**, 9:30 A.M., Center, Seminar—"Renewal in the Church"; 6:00 P.M., Evening prayer—Dennis Wagener, Preacher. **Wednesday**, 6:00 P.M., Center, Holy Communion.

Applications are now being accepted for the Community of Lay Scholars, a lay theological education community. Those interested in participating next

year should contact Chaplain Jack Carroll at the Methodist Center (286-9230) or Miss Barbara Benedict (ext. 2909). The Community is open to all students.

PRESBYTERIAN (WESTMINSTER) FELLOWSHIP: **Sunday**, 5:30 P.M., Year's End Picnic.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Norman Olsen for the Ph.D. degree in English will be held on Monday, May 13th at 2:00 p.m. in Room 312 Allen Building. The subject of Mr. Olsen's dissertation is "The Forum as a Magazine of Literary Comment: 1886-1907." The committee to conduct the examination consists of Professors Clarence Gohdes, Arlin Turner, Benjamin Boyce, Lionel Stevenson, and Richard Watson. Professor Gohdes will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Robert D. Borgman for the Ph.D. in Psychology will be held on Monday, May 13th at 3:00 p.m. in Room 204 Bivins Building. The subject of Mr. Borgman's dissertation is "A Comparative Study of the Development of the Categorizing Process by Means of the Rorschach Test." The committee to conduct the examination consists of Professors Katharine M. Banham, C. Alan Boneau, Gregory A. Kimble, Martin Lakin, and Alan C. Kerckhoff. Professor Banham will preside.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, May 13th in the auditorium of the Biological Sciences Building at 4:15 p.m. Bera L. Arnn will speak on "Feeding Rates of the Seastar, *Asterias forbesi*, at Reduced Salinities." Susan F. King will speak on "Cesium Uptake by *Chlamydomonas*, *Daphnia*, and Bluegill Fingerlings," and Mary E. Wirtenson will speak on "Epifaunal Associations on Living Bay Scallops from North Carolina." All three speakers are from the Department of Zoology. Coffee and tea will be served in the foyer at 4:00.

FALLOUT PREPAREDNESS COMMITTEE

There will be a meeting of the Fallout Preparedness Committee on Monday, May 13th at 4:30 p.m. in the Trustee Board Room in Allen Building.

FELLOWSHIP OF CHRISTIAN ATHLETES PICNIC-VESPER SERVICE

There will be a Picnic-Vesper Service meeting of the Fellowship of Christian Athletes on Sunday, May 12th at 5:30 p.m. in Section D of the Duke Forest. The speaker will be Dr. Thomas A. Langford of the Religion Department.

Those attending are asked to bring their own food; drinks will be furnished. A cordial invitation is extended to all.

TRENT MEMORIAL LECTURE

Dr. Robert M. Stecher of the Western Reserve University School of Medicine and Cleveland Metropolitan General Hospital will deliver the 1963 Trent Memorial Lecture here on Monday, May 13th. His topic will be "Charles Darwin—His Story and His Personality." All members of the University Community are invited to the lecture at 8:15 p.m. in the auditorium of the Biological Sciences Building.

Dr. Stecher, an internationally known expert on arthritis and rheumatism, has long been interested in science history. The Trent Memorial Lectures are made possible by Mrs. James H. Semans in memory of her late husband, Dr. Josiah C. Trent of the Duke Medical Center faculty.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Robert S. Robins for the Ph.D. degree in Political Science will be held on Tuesday, May 14th at 9:30 a.m. in the Library Conference Room. The subject of Mr. Robins' dissertation is "Rural Self-Government in Uttar Pradesh, India." The committee to conduct the examination consists of Professors Ralph Braibanti, Edgar H. Brookes, Robert H. Connery, Robert R. Wilson, and John Tate Lanning.

CAMPUS CLUB GARDEN TEA

On Tuesday, May 14th, the Campus Club will hold its last function of the academic year. Each member of the Club is invited to bring a guest to a tea to be held in the garden of University House from 3:00-5:00 p.m. Hostesses for the occasion will be from the Divinity School and the Departments of Religion and Sociology, with Mrs. James L. Price serving as chairman.

COUNCIL ON GERONTOLOGY

The Duke University Council on Gerontology will be held on Tuesday, May 14th at 5:00 p.m. in Room 208 Flowers Building. Dr. Robert W. Kleemeier, Pro-

fessor of Psychology, Washington University, Associate Editor, *Journal of Gerontology*, and formerly director, Moosehave Research Laboratory, will speak on "Relation of Body Change to Psychological Aspects of Aging." Interested persons are cordially invited to attend.

STUDENT PIANO RECITAL

The Department of Music will present a Student Piano Recital by the students of Ronald Fishbaugh on Tuesday, May 14th at 8:15 p.m. in the Music Room, East Duke Building. The University Community and the general public are cordially invited to attend. The program will be as follows:

Concerto in D minor	Bach
Allegro	Emily Becton
Sonata in E major (1767)	Haydn
Allegro giusto	Zack Thomas
Bagatelle in G minor, Opus 126, No. 2	Beethoven
Schmetterling, Opus 43, No. 1	Grieg
	Rilla Carter
Prelude in E major, Opus 28	Chopin
Cradle Song	Schumann
	Polly Wheat
Scenes from Childhood, Opus 15	Schumann
Of Foreign Lands and People	
A Curious Story	Maripat Hill
Sonata in A minor, Opus 143	Schubert
Allegro giusto	Ormond Hardin
Valses Nobles et Sentimentales	Ravel
Modéré	
Assez lent	Nancy Temple
Albumblätter, Opus 99	Schumann
Numbers 1, 2, 5	Gayle Collette
Images, Book I	Debussy
Hommage à Rameau	Rosalind Grier
Sonata in C major (1789)	Haydn
Presto	
Dauidsbüandler Dances	Schumann
Numbers 1, 2, 10	Paul Echols
Six Kleine Klavierstücke, Opus 19	Schönberg
I, II, IV	Frank Bennett
Visions Fugitives	Prokofief
I, II, III, IV, V	
Hungarian Dance No. 7 in F major	Brahms
	Bonnie Brueggemann

JOINT ANATOMY, PHYSIOLOGY AND PSYCHOLOGY COLLOQUIUM

The Anatomy, Physiology and Psychology Colloquium Series will present Dr. Vincent Dethier of the

Zoology Department of the University of Pennsylvania on Wednesday, May 15th at 4:00 p.m. in the Hospital Amphitheater. His topic will be "Chemoreception and Hunger in the Blowfly."

JOINT DUKE-UNC PHYSICS COLLOQUIUM

The Joint Duke-University of North Carolina Physics Colloquium will meet on Wednesday, May 15th, at 4:00 p.m. in Room 114 Physics Building.

The speaker will be Dr. P. W. Anderson of Bell Telephone Laboratories, Murry Hill, New Jersey. The topic will be "Flux Motion in Hard Superconductors." Tea and coffee will be served at 3:45 p.m.

JOINT MILITARY REVIEW

On Wednesday, May 15th, the Naval and Air Force Reserve Officers' Training Corps Units will present their thirteenth annual Joint Military Review in observance of Armed Forces Week and to honor their outstanding Midshipmen and Cadets. The Review and Presentation Ceremony will begin at 4:00 p.m. on the Parade Ground next to Coombs Field.

BOTANY SEMINAR

The Botany Seminar will be held on Wednesday, May 15th at 4:15 p.m. in Room 111 Biological Sciences Building (Auditorium) West Campus. Dr. Richard A. White, Department of Botany, The University of Manchester, England will speak on "The Relationships Between Tracheid Morphology and Evolutionary Advancement in the Ferns."

Dr. White, a native of Philadelphia, Pennsylvania, received his undergraduate training at Temple University and the Ph.D. degree from the University of Michigan in June, 1962. At present he is doing post-doctoral work at the University of Manchester, with Professor C. W. Wardlaw. Dr. White's research has concerned tracheary elements in ferns and he is currently working on experimental modification of tracheid morphology with the use of surgical and sterile culture techniques as well as physiologically active substances and mutant strains.

Refreshments will be served in the foyer at 4:00 p.m.

CHEMISTRY HONORS CONVOCATION

The Honors Convocation of the Department of Chemistry for the academic year 1962-63 will be held at 4:30 p.m. on Wednesday, May 15th, in Room 01 Chemistry Building. The speaker for the Convocation, which will honor graduating seniors who have achieved academic distinctions, will be Dr. Arthur F.

Scott, Head of the Special Projects in Science Education Section of the National Science Foundation and formerly Chairman of the Department of Chemistry, Reed College, Portland, Oregon. Dr. Scott's topic is "Undergraduate Research."

All members of the University Community are cordially invited to attend.

FRITZ LONDON MEMORIAL LECTURE

The Duke Chapter of The Society of Sigma Xi announces a public lecture by Dr. Peter J. W. Debye, Professor Emeritus of Chemistry, Cornell University, as the seventh Fritz London Memorial Lecturer. He will speak on "Molecular Forces" in the Auditorium, Biological Sciences Building on Wednesday, May 15th at 8:00 p.m.

Peter Debye was born at Maastricht in the Netherlands. He received a degree in electrical engineering from the Technische Hochschule in Aachen, and the doctorate in physics under Sommerfeld at the University of Munich. He held a succession of positions at the Universities of Munich, Zurich, Utrecht, Goettingen, Leipzig, and Berlin, and in 1934 became the Director of the Kaiser Wilhelm Institute. He came to the United States in 1940 as the Baker Lecturer at Cornell, and remained there as head of the Department of Chemistry. In 1948 he became Todd Professor of Chemistry, and in 1950 he resigned as department head and was named professor emeritus, which permitted him to devote full time to research.

Dr. Debye received the Nobel Prize in chemistry in 1936, has received the Rumford, Lorentz, Franklin, Willard Gibbs, Faraday, and Max Planck medals, and this year he was the recipient of the Priestley medal. He holds honorary degrees from sixteen colleges and universities, and is a member of more than twenty academies located in ten countries throughout the world.

FINAL EXAMINATION FOR THE D. F. DEGREE

The final examination of Mr. Gregory Neil Brown for the Doctor of Forestry degree will be held on Thursday, May 16th at 9:30 a.m. in Room 140 Biological Sciences Building. The subject of Mr. Brown's dissertation is "Studies on Nucleic Acid Production in Growing Zones of Germinating Mimosa Seedlings." The committee to conduct the examination consists of Professors L. E. Chaiken, P. J. Kramer, A. W. Naylor, C. W. Ralston, and R. W. Wheat. Professor Naylor will preside.

CIVIL ENGINEERING SEMINAR

Mr. Edward W. Snyder of the Mechanical Engineering Department will speak at the Civil Engineering Seminar on Thursday, May 16th, in Room 120

Engineering Building at 11:30 a.m. The subject of Mr. Snyder's address will be "Unsteady State Forced Air Flow in a Closed Conduit." All interested persons are cordially invited to attend.

**PIANO RECITAL
STUDENTS OF LOREN WITHERS**

The Department of Music will present a Student Piano Recital by the students of Loren Withers on Wednesday, May 15th at 8:15 p.m. in the Music Room, East Duke Building. The University Community and the general public are cordially invited to attend. The program is as follows:

Prelude and Fugue No. 22 in B-flat minor, W. T. C. I	Bach
Diana Bess Montgomery	
Fugue No. 10 in E minor, W. T. C. I	Bach
Gail Kinard	
Sonata in G, Op. 14, No. 2	Beethoven
First Movement: Allegro	
Betsy Overman	
Moment Musical in A-flat, Op. 94, No. 2	Schubert
John Holt	
Allemande from Partita No. 1 in B-flat	Bach
June Thornton	
Toccata No. 6 in G	Bach
Allegro; Adagio	
Lydia Cantrell	
Sonata in C minor, Op. 13	Beethoven
First Movement: Grave; Allegro di molto e con brio	
Roy Abernethy	
"Edward" Ballade, Op. 10, No. 1	Brahms
Billie Godwin	
Ballade in A-flat, Op. 47	Chopin
Janice Ray	
Nocturne in D-flat, Op. 9	Scriabin
Robert Diamond	
Sonata in D, Op. 10, No. 3	Beethoven
First Movement: Menuetto	
Second Movement: Rondo	
Barbara Watson	

**FINAL EXAMINATION
FOR THE ED.D. DEGREE**

The final examination of Mr. Walter Conard Gass for the Ed.D. degree will be held on Thursday, May 16th at 2:30 p.m. in Room 08A, West Duke Building. The subject of Mr. Gass' dissertation is "Herbert Baxter Adams and the Development of Historical Instruction in American Colleges and Universities." The committee to conduct the examination consists of Professors W. A. Stumpf, Henry L. Sublett, Alan K. Manchester, Olan L. Petty, and Mabel Rudisill. Professor Stumpf will preside.

GRADUATE FACULTY MEETING

The Graduate Faculty will meet on Thursday, May 16th, at 4:00 p.m. in Room 208 Flowers Building.

**NEWCOMER'S CLUB
EVENING RECEPTION**

The Newcomers' Club Evening Reception for members and husbands will be held on Thursday, May 16th from 8:00-10:00 p.m. in the home of Mrs. R. Taylor Cole, 7, Sylvan Road.

**FINAL EXAMINATION
FOR THE PH.D. DEGREE**

The final examination of Mr. Quentin G. Kraft for the Ph.D. degree in Philosophy will be held on Friday, May 17th at 9:30 a.m. in Room 312 Allen Building. The subject of Mr. Kraft's dissertation is "A Study of Point of View in Selected Short Stories of Henry James." The committee to conduct the examination consists of Professors Clarence Gohdes, Arlin Turner, Benjamin Boyce, C. Richard Sanders, and John Alden. Professor Gohdes will preside.

**FINAL EXAMINATION
FOR THE PH.D. DEGREE**

The final examination of Mr. Theo Clyde Pilkington for the Ph.D. degree in Electrical Engineering will be held on Friday, May 17th at 10:30 a.m. in Room 132 Engineering Building. The subject of Mr. Pilkington's dissertation is "A Model for Predicting Magnetic Properties of Ferromagnetic Alloys as a Function of Temperature." The committee to conduct the examination consists of Professors C. R. Vail, J. L. Artley, F. G. Dressel, J. C. Poirier, and T. G. Wilson. Professor Vail will preside.

**FINAL EXAMINATION
FOR THE PH.D. DEGREE**

The final examination of Mr. David A. Mathewes, Jr. for the Ph.D. degree in Chemistry will be held on Friday, May 17th, at 2:30 p.m. in Room 220 Chemistry Building. The subject of Mr. Mathewes' dissertation is "Some Novel Heterocyclic Compounds of Phosphorus: Derivatives of Phosphacyclopentene-3 and of 1-Phosphabicyclo (2.2.2) Octane." The committee to conduct the examination consists of Professors L. D. Quin, C. R. Hauser, Frances Brown, J. H. Saylor, and Horst Meyer. Professor Quin will preside.

**FINAL EXAMINATION
FOR THE PH.D. DEGREE**

The final examination of Mr. Lonnie Dean Kliever for the Ph.D. degree in Religion will be held on Friday, May 17th at 3:30 p.m. in the Library Conference Room. The subject of Mr. Kliever's dissertation is "Methodology and Christology in H. Richard Niebuhr." The committee to conduct the examination consists of Professors Frederick Herzog, Waldo Beach, H. Shelton Smith, Hans Hillerbrand, and Paul Welsh. Professor Herzog will preside.

**FINAL EXAMINATION
FOR THE PH.D. DEGREE**

The final examination of Miss Lois Ann Brockhoff for the Ph.D. degree in Psychology will be held on Friday, May 17th at 3:30 p.m. in Room 204 Bivins Building. The subject of Miss Brockhoff's dissertation is "Generalization, Extinction, and Acquisition of Conditioned Eyelid Responses Following an Increase in the Interstimulus Interval." The committee to conduct the examination consists of Professors C. Alan Boneau, Gregory Kimble, Norman Guttman, Lloyd J. Borstelmann, and Alan C. Kerekhoff. Professor Boneau will preside.

FACULTY CLUB PICNIC

The annual Faculty Club Picnic will be held on Saturday, May 18th beginning at 4:00 p.m. on East Campus near the gymnasium. Recreation will include softball for men, hole in one contest for men and women. For the children there will be swimming from 4:15-5:15, pony rides and sports cars. A community supper will begin at 5:30 with each family's contributions served together buffet style. Lemonade and ice cream will be provided. In case of rain the picnic will be held in the women's gymnasium.

Members are reminded to return their reservation cards to Miss Frances Holton, 202 Gymnasium, East Campus, by Wednesday, May 15th.

**FINAL EXAMINATION
FOR THE PH.D. DEGREE**

The final examination of Mr. Glen T. Cain for the Ph.D. degree in Religion was held on Saturday, April 20th at 9:00 a.m. in the Library Conference Room. The subject of Mr. Cain's dissertation was "The Place of Christ in the Theology of Rufus M. Jones." The committee conducting the examination consisted of Professors Stuart Henry, Waldo Beach, Creighton Lacy, Frederick Herzog, and Ernest Nelson. Professor Henry presided.

**EVERETT WESLEY HALL
LECTURE SERIES**

Professor John P. Dreher, Department of Philosophy, University of North Carolina, Chapel Hill, will present another lecture in the series of lectures in honor of Everett Wesley Hall. Professor Dreher's topic will be "Moral Objectivity" at 8:00 p.m. on Monday, May 13th, in 213 Caldwell Hall.

Also Professor Eugene Lusehei, Department of Philosophy, University of North Carolina, Chapel Hill, will present another lecture in the same series on Thursday, May 16th, in 213 Caldwell Hall, Chapel Hill at 8:00 p.m. His topic will be "The Language of Perception."

All interested members of the University Community are cordially invited to attend.

**DUKE CONCERT BAND
LAWN CONCERT CANCELLED**

The Lawn Concert previously scheduled for Sunday, May 12th has been cancelled.

OFF-THE-SERIES ATTRACTION 1963-'64

Tuesday, November 19th

The Regimental Band and Massed Pipers
of the BLACK WATCH (Royal Highland Regiment)
with Highland Dancers from the Edinburgh Festival

Season ticket reservations for the first five attractions, priced at \$8.00, \$9.00, and \$10.00, are available in Room 202-A Flowers Building, by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station, Durham, North Carolina. All of these attractions will be staged in Page Auditorium.

The BLACK WATCH will take place in the Indoor Stadium and reserved seats will be priced at \$2.50 and \$2.00 with a special price of \$1.50 and \$1.25 to Artists Series patrons. Children's tickets are priced at \$1.25 and \$1.00.

1963-64 ARTISTS SERIES ANNOUNCEMENT

The 1963-64 Duke University Artists Series announces the following concerts for the 1963-64 Season:

Tuesday, December 3rd

THE GOLDOVSKY GRAND OPERA THEATER
Puccini's "Tosca"

Tuesday, February 4th

BACH ARIA GROUP

Tuesday, March 10th

PRESTI AND LOGOYA, Guitar-Duo

Friday, March 20th

PITTSBURGH SYMPHONY ORCHESTRA
William Steinberg, Music Director

Friday, April 17th

JOHN BROWNING, Pianist

**ADVANCE NOTICE
ACADEMIC COUNCIL MEETING**

The last regular meeting of the Council for the academic year will be held on Thursday afternoon, May 23rd at 4:00 p.m. in Room 208 Flowers Building. Mr. Frank Ashmore, Assistant Vice President for Development, will speak on Problems and Proposed Solutions in Fund Raising for Education. The Executive Committee will present an important proposal to the Council.

**DURHAM THEATER GUILD PRESENTS
"PIRATES OF PENZANCE"**

Members of the University Community will be especially interested in the presentation of Gilbert and Sullivan's "Pirates of Penzance" on Friday and Saturday evenings, May 17th and 18th at the Durham High School Auditorium at 8:00 p.m. Tickets are available in Room 202-A Flowers Building for the convenience of the University Community. Co-directors of the production are Dr. Paul Bryan and William McIlwaine. Mrs. Leslie Holmes, soprano, and Michael Best, tenor, have been chosen to play the roles of the heroine and hero of the production. Playing the comic leads in the operetta will be George Williams, as Major General Stanley, and Ann Nagy as Ruth, "a pirate maid of all work." Other members of the cast include: John Waggoner, the Pirate King; Stanley Potter, his lieutenant Samuel; Richard Watson, sergeant of police; Carol Kreps, as Kate; Cyd Copelan, as Edith; and Betty Smith, as Isabel. Members of the men's chorus are John E. Baxter, David Bradley, Wyatt Clark, Henry A. Fairbank, Arthur Ferguson, Dr. Shattuck Hartwell, Henry Kamin, Dr. Patrick Kenan, Thomas Kenan, David Martin, Chuck Moore, Robert Rich, James Sackett and Reverend L. Bartine

Sherman. The ladies' chorus includes Boots Ashbrook, Joau Bevington, Martha Fairbank, Vicki Jane Ferrell, Virginia Johnson, Betsy Ann Kiker, Andra Miller, Gail Pittman, Ann Poole, Louise Rich and Carol Walter.

ART EXHIBIT

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WEEK OF
May 19-25, 1963

CALENDAR

OF

DUKE UNIVERSITY



WEEK OF
May 19-25, 1963

Events of the Week

Sunday, May 19

Denominational Meetings. See special notice.

10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.

11:00 a.m. University Service of Worship, University Chapel. Preacher: The Reverend Howard C. Wilkinson, Chaplain to the University. Sermon: "When Light Is Darkness." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, May 20

9:30 a.m. The final examination of Mr. R. Bruce Masterton for the Ph.D. degree in Psychology. Room 206 Psychology Laboratory.

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2:30 p.m. The final examination of Mr. Clinton Edward Hollandsworth for the Ph.D. degree in Physics. Room 218 Physics Building.

4:15 p.m. Zoology Seminar. Auditorium of the Biological Sciences Building. Speakers: Henry A. Hespenheide and Peter N. Bartlet.

5:00-6:00 p.m. East Campus Pool open for women: faculty, staff members, and students.

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7:00 p.m. Chapel Choir Rehearsal. University Chapel.

7:00 and 9:00 p.m. Quadrangle Pictures. Page Auditorium. "OUR MAN IN HAVANA" (British) with Alec Guinness, Burl Ives, Maureen O'Hara, Ernie Kovacs, and Noel Coward. Graham Greene's film "Should make audiences about the happiest in town."—**World Tel. and Sun.** "We guarantee 'OMIH' to be a source of immeasurable fun."—Crowther, N. Y. Times.

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The Reverend Robert P. Hyatt, Associate Director of Religious Life, Presiding Minister.
Opening Organ Voluntary—Fantasy in G minor *Bach*
Chorale-Prelude—"Jesu, Joy of Man's Desiring" *Boch*
Choral Adoration—"Sanctus" from *Moss II Hons Leo Hassler*
Hymn—"Immortal, Invisible, God Only Wise" *Welsh melody*
Arr. by Van Denman Thompson

The Prayer of Confession
Words of Assurance
The Lord's Prayer
Anthem—"Lo, A Voice To Heaven Sounding" *Dimitri Bortniansky*

Scripture Lesson—Matthew 6:16-23
Hymn—"O Word of God Incarnate" *Neuermehrtes M. Gesongbuch*
Arr. by Felix Mendelssohn-Bartholdy

Call to Prayer
The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication
The Offering
Offertory Organ Interlude
Anthem—"O Sing Unto The Lord" *Hons Leo Hassler*
Response—The Doxology
Prayer of Dedication
Sermon—"When Light Is Darkness"
Prayer
Choral Response—"Sevenfold Amen" *John Stainer*
The Chimes
Closing Organ Voluntary—Fugue on Vom Himmel Hoch *Pachelbel*

Chapel Preacher, Sunday, May 26th: Reverend Dr. Hugh Anderson, Professor of Biblical Theology, The Divinity School.

DENOMINATIONAL ANNOUNCEMENTS

BAPTIST STUDENT UNION: Southwide Student Week at Ridgecrest, N. C., is June 6-12. Duke students will live in a cottage with students from U. N. C., W. F. C., and East Carolina. The group will do its own cooking. Cost will be approximately \$25.00. If you will go and/or if you need transportation, call

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CHRISTIAN SCIENCE ORGANIZATION: Tuesday, 6:45 P.M., East Duke Chapel.

METHODIST CENTER: Sunday, 6:00 P.M., Center, Evening Prayer: Maurice Ritchie, Preacher. Wednesday, 6:00 P.M., Holy Communion.

Applications are now being accepted for the Community of Lay Scholars, a lay theological education community. Those interested in participating next year should contact Chaplain Jack Carroll at the Methodist Center (286-9230) or Miss Barbara Benedict (ext. 2909). The Community is open to all students.

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ZOOLOGY DEPARTMENT

The Zoology Department will hold its weekly seminar on Monday, May 20, in the Auditorium of the Biological Sciences Building at 4:15 p.m. Henry A. Hespenheide will speak on "Competition and the Genus *Tyrannus*" and Peter N. Bartlett will speak on "Relationships Between *Acris gyrrillus* and *A. crepitans* in North Carolina." Both speakers are from the

Department of Zoology. Coffee and tea will be served in the foyer at 4:00 p.m.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Walter Paschal Reeves for the Ph.D. degree in English will be held on Thursday, May 23rd at 2:00 p.m. in Room 312 Allen Building. The subject of Mr. Reeves' dissertation is "Race and Nationality in the Works of Thomas Wolfe." The committee to conduct the examination consists of Professors Arlin Turner, Louis Budd, Lionel Stevenson, C. Richard Sanders, and Richard Watson. Professor Turner will preside.

ADVANCE NOTICE ACADEMIC COUNCIL MEETING

The last regular meeting of the Council for the academic year will be held on Thursday afternoon, May 23rd at 4:00 p.m. in Room 208 Flowers Building. Mr. Frank Ashmore, Assistant Vice President for Development, will speak on Problems and Proposed Solutions in Fund Raising for Education. The Executive Committee will present an important proposal to the Council.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Lionel Garland Klikoff for the Ph.D. degree in Botany will be held on Friday, May 24th at 9:00 a.m. in Room 140 Biological Sciences Building. The subject of Mr. Klikoff's dissertation is "Microenvironmental Influence on Vegetational Pattern Near Timberline in the Sierra Nevada." The committee to conduct the examination consists of Professors W. D. Billings, Lewis E. Anderson, Henry J. Oosting, Charles W. Ralston, and Robert L. Wilbur. Professor Billings will preside.

ADVANCE NOTICE UNIVERSITY FACULTY MEETING

The University Faculty will meet in regular session in Room 125 Engineering Building on Friday, May 31st at 4:00 p.m. The agenda will include approval of candidates for degrees to be conferred at the Commencement of Monday, June 3rd.

ART EXHIBIT

For the final loan exhibition of the academic year 1962-63, the Art Department and the Student Union are proudly presenting an exhibition of the Graphic Arts of Leonard Baskin. Through the generosity of Professor and Mrs. Allen P. Sindler, thirty-two of Baskin's etchings, wood engravings, lithographs and woodcuts have been made available for viewing in the Woman's College Library Gallery from April 20th through May 15th. Leonard Baskin has been acclaimed as America's most original and technically proficient print maker. Exhibited here are works ranging from a powerful lifesize woodcut of the early 1950's to the delicate and sensitively executed portrait of Rodin, a lithograph of 1963. Noted also for his drawings, sculpture, bass reliefs, and book designs, the thirty-two works exhibited here demonstrate vividly

the creative genius of one of the truly individual artists of the mid-twentieth century. The exhibit will remain through Commencement.

On West Campus in the Alumni Lounge is the loan exhibition from the Achenbach Foundation for the Graphic Arts, California Palace of the Legion of Honor entitled "Artists Lithographs from Ingres to Tamayo." This exhibition is an historical survey of the many facets of the graphic process known as lithography from Ingres lithographic portraits of 1815 to the lithographs of the contemporary school of Paris. Every important dimension of the evolution of this process is marked by the works of such significant artists as Toulouse-Lautrec, Picasso, Bellows, Daumier, Goya, and Liebermann.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Edward Towson Moore for the Ph.D. degree in Electrical Engineering was held on Friday, May 10th at 3:30 p.m. in Room 132 Engineering Building. The subject of Mr. Moore's dissertation was "Static Electrical-to-Electrical Energy Conversion from Direct Current Sources." The committee conducting the examination consisted of Professors T. G. Wilson, F. G. Dressel, H. W. Lewis, Otto Meier, Jr., and C. R. Vail. Professor Wilson presided.

DINING HALLS COMMENCEMENT SCHEDULE—1963

<i>Saturday, June 1</i>	<i>University Room</i>	<i>Blue and White Room</i>	<i>Oak Room</i>
Breakfast		7:00- 9:30	
Snack Bar		9:00-11:00	
Lunch	11:30- 2:00		11:30- 2:00
Dinner	5:00- 7:00		5:00- 7:00
<i>Sunday, June 2</i>	<i>Dining Hall "A"</i>	<i>University Room</i>	<i>Oak Room</i>
Breakfast	7:00- 9:15	7:00-10:30	
Lunch		11:30- 2:00	11:30- 2:00
Dinner		5:00- 7:00	5:00- 7:00
<i>Monday, June 3</i>	<i>Blue and White Room</i>	<i>Oak Room</i>	
Breakfast	7:00- 9:30		
Snack Bar	9:00-11:00		
Lunch	11:30- 2:00	11:30- 2:00	
Dinner	5:00- 6:30		

OUTDOOR RECEPTION OF JUNE 2ND

The Committee on Arrangements for the Outdoor Reception in honor of the graduating classes wishes to remind the faculty that this reception is to be held on Sunday, June 2nd at 6:00 p.m. on the lawn in front of the East Duke Building. All faculty members and their wives are cordially invited to attend. In the event of rain, the reception will be held in the Woman's College Union.

COMMENCEMENT ORGAN RECITAL

Frederich Swann

The commencement organ recital, usually presented by Mildred L. Hendrix, Organist to the University, will this year be given by Frederich Swann, distinguished organist of Riverside Church. Mrs. Hendrix will be attending the graduation of her son

from Davidson College and will depart for Davidson immediately after the morning Service of Worship in the Chapel. The recital will be presented on Sunday, June 2nd in the University Chapel at 4:30 p.m. and is open to the public without charge.

Besides his position as organist to the Riverside Church, Mr. Swann is also Director of Music and Organist at the Inter-State Center in New York City. As a child prodigy he presented his first recital at the age of eight and was appointed organist of a city church when he was ten. He received his formal musical education at Northwestern School of Sacred Music in Chicago, later continuing his studies with leading organists in America and Europe.

Mr. Swann is also recognized as an outstanding teacher, lecturer and consultant for new organs. He plays music from all periods and is known for his immense repertoire and for the excellence and variety of his programs.

The program follows:

Chaconne in G minor	Louis Couperin (1626-1661)
Two pieces	John Stanley (1713-1786)
Toccata for Flutes—Trumpet Voluntary	
Vision of the Church Eternal	Olivier Messiaen (1908-)
Suite for a Musical Clock	George Frederick Handel (1685-1759)
Prelude—Air—Voluntary on a Flight of Angels— Sonata for Bells Minuet—Gigue	
Variations on a shape-note hymn	Samuel Barber (1910-)
Toccata in F major	Johann Sebastian Bach (1685-1750)
Sehero-Cats	Jean Langlais (1907-)
Prelude on "Brother James' Air"	Searle Wright (1917-)
Four Organ Chorales	Ernst Pepping (1901-)
Up, up, my heart, with gladness	Heavenwards He ascended
Now God be praised	With tender joy
Introduction, Passacaglia and Fugue	Healey Willan (1880-)

ADVANCE NOTICE NROTC COMMISSIONING CEREMONY

At 8:30 a.m. on Monday, June 3rd, the graduates of the NROTC and other Naval and Marine Officer Candidate programs on campus will form on the steps of the University Chapel for an Oath of Office ceremony.

The Oath of Office will be administered by Brigadier General Rathvon McC. Tompkins, Assistant Division Commander, Second Marine Division, Camp Lejeune, N. C. The ceremony will include pertinent remarks by General Tompkins and the "pinning on" of officer insignia by relatives and friends of the new officers.

CHAMBER MUSIC CONCERTS

The Chamber Arts Society announces the following six concerts for the 1963-64 season:

Saturday, October 19th	AMADEUS QUARTET
Saturday, December 7th	JUILLIARD QUARTET
Saturday, January 11th	HUNGARIAN QUARTET
Saturday, February 8th	QUARTETTO ITALIANO
Saturday, March 21st	FINE ARTS QUARTET
Saturday, April 11th	NEW YORK STRING SEXTET

These concerts will be held in the Music Room, East Duke Building, beginning at 8:15 p.m. **Admission:** **Membership** in the Chamber Arts Society is open to all persons, and entitles to admission to all concerts. The cost of membership will be \$12.00. The Committee of the Society limits membership to 330 persons, the remaining 70 admissions being available to individuals who purchase **Guest Cards** for single concerts at price of \$2.50. These Guest Cards may be obtained at the door of the Music Room on concert evenings from 7:30 p.m. to 8:00 p.m.

Membership application forms will be sent out early in September to all present members and to any others who indicate their interest to the Committee. The Committee of the Chamber Arts Society includes: Frederick Bernheim, Mary L. C. Bernheim, Alan H. Bone, Frances C. Brown, Virginia S. Bryan, Ruth Friedberg, Bronislas Jezierski, Alan K. Mauehether, Julia Mueller, Elizabeth Ropp and Ernest W. Nelson, Chairman (address Box 6065 College Station, Durham, N. C.)

OFF-THE-SERIES ATTRACTION 1963-'64

Tuesday, November 19th

The Regimental Band and Massed Pipers
of the BLACK WATCH (Royal Highland Regiment)
with Highland Dancers from the Edinburgh Festival

Season ticket reservations for the first five attractions, priced at \$8.00, \$9.00, and \$10.00, are available in Room 202-A Flowers Building, by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station, Durham, North Carolina. All of these attractions will be staged in Page Auditorium.

The BLACK WATCH will take place in the Indoor Stadium and reserved seats will be priced at \$2.50 and \$2.00 with a special price of \$1.50 and \$1.25 to Artists Series patrons. Children's tickets are priced at \$1.25 and \$1.00.

1963-64 ARTISTS SERIES ANNOUNCEMENT

The 1963-64 Duke University Artists Series announces the following concerts for the 1963-64 Season:

Tuesday, December 3rd

THE GOLDOVSKY GRAND OPERA THEATER
Puccini's "Tosca"

Tuesday, February 4th

BACH ARIA GROUP

Tuesday, March 10th

PRESTI AND LOGOYA, Guitar-Duo

Friday, March 20th

PITTSBURGH SYMPHONY ORCHESTRA
William Steinberg, Music Director

Friday, April 17th

JOHN BROWNING, Pianist

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The final examination of Mr. Walter Paschal Reeves for the Ph.D. degree in English will be held on Thursday, May 23rd at 2:00 p.m. in Room 312 Allen Building. The subject of Mr. Reeves' dissertation is "Race and Nationality in the Works of Thomas Wolfe." The committee to conduct the examination consists of Professors Arlin Turner, Louis Budd, Lionel Stevenson, C. Richard Sanders, and Richard Watson. Professor Turner will preside.

ADVANCE NOTICE ACADEMIC COUNCIL MEETING

The last regular meeting of the Council for the academic year will be held on Thursday afternoon, May 23rd at 4:00 p.m. in Room 208 Flowers Building. Mr. Frank Ashmore, Assistant Vice President for Development, will speak on Problems and Proposed Solutions in Fund Raising for Education. The Executive Committee will present an important proposal to the Council.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Lionel Garland Klikoff for the Ph.D. degree in Botany will be held on Friday, May 24th at 9:00 a.m. in Room 140 Biological Sciences Building. The subject of Mr. Klikoff's dissertation is "Microenvironmental Influence on Vegetational Pattern Near Timberline in the Sierra Nevada." The committee to conduct the examination consists of Professors W. D. Billings, Lewis E. Anderson, Henry J. Oosting, Charles W. Ralston, and Robert L. Wilbur. Professor Billings will preside.

ADVANCE NOTICE UNIVERSITY FACULTY MEETING

The University Faculty will meet in regular session in Room 125 Engineering Building on Friday, May 31st at 4:00 p.m. The agenda will include approval of candidates for degrees to be conferred at the Commencement of Monday, June 3rd.

ART EXHIBIT

For the final loan exhibition of the academic year 1962-63, the Art Department and the Student Union are proudly presenting an exhibition of the Graphic Arts of Leonard Baskin. Through the generosity of Professor and Mrs. Allen P. Sindler, thirty-two of Baskin's etchings, wood engravings, lithographs and woodcuts have been made available for viewing in the Woman's College Library Gallery from April 20th through May 15th. Leonard Baskin has been acclaimed as America's most original and technically proficient print maker. Exhibited here are works ranging from a powerful lifesize woodcut of the early 1950's to the delicate and sensitively executed portrait of Rodin, a lithograph of 1963. Noted also for his drawings, sculpture, bass reliefs, and book designs, the thirty-two works exhibited here demonstrate vividly

the creative genius of one of the truly individual artists of the mid-twentieth century. The exhibit will remain through Commencement.

On West Campus in the Alumni Lounge is the loan exhibition from the Achenbach Foundation for the Graphic Arts, California Palace of the Legion of Honor entitled "Artists Lithographs from Ingres to Tamayo." This exhibition is an historical survey of the many facets of the graphic process known as lithography from Ingres lithographic portraits of 1815 to the lithographs of the contemporary school of Paris. Every important dimension of the evolution of this process is marked by the works of such significant artists as Toulouse-Lautrec, Picasso, Bellows, Daumier, Goya, and Liebermann.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Edward Towson Moore for the Ph.D. degree in Electrical Engineering was held on Friday, May 10th at 3:30 p.m. in Room 132 Engineering Building. The subject of Mr. Moore's dissertation was "Static Electrical-to-Electrical Energy Conversion from Direct Current Sources." The committee conducting the examination consisted of Professors T. G. Wilson, F. G. Dressel, H. W. Lewis, Otto Meier, Jr., and C. R. Vail. Professor Wilson presided.

DINING HALLS COMMENCEMENT SCHEDULE—1963

<i>Saturday, June 1</i>	<i>University Room</i>	<i>Blue and White Room</i>	<i>Oak Room</i>
Breakfast		7:00- 9:30	
Snack Bar		9:00-11:00	
Lunch	11:30- 2:00		11:30- 2:00
Dinner	5:00- 7:00		5:00- 7:00
<i>Sunday, June 2</i>	<i>Dining Hall "A"</i>	<i>University Room</i>	<i>Oak Room</i>
Breakfast	7:00- 9:15	7:00-10:30	
Lunch		11:30- 2:00	11:30- 2:00
Dinner		5:00- 7:00	5:00- 7:00
<i>Monday, June 3</i>	<i>Blue and White Room</i>	<i>Oak Room</i>	
Breakfast	7:00- 9:30		
Snack Bar	9:00-11:00		
Lunch	11:30- 2:00	11:30- 2:00	
Dinner	5:00- 6:30		

OUTDOOR RECEPTION OF JUNE 2ND

The Committee on Arrangements for the Outdoor Reception in honor of the graduating classes wishes to remind the faculty that this reception is to be held on Sunday, June 2nd at 6:00 p.m. on the lawn in front of the East Duke Building. All faculty members and their wives are cordially invited to attend. In the event of rain, the reception will be held in the Woman's College Union.

COMMENCEMENT ORGAN RECITAL Frederich Swann

The commencement organ recital, usually presented by Mildred L. Hendrix, Organist to the University, will this year be given by Frederich Swann, distinguished organist of Riverside Church. Mrs. Hendrix will be attending the graduation of her son

from Davidson College and will depart for Davidson immediately after the morning Service of Worship in the Chapel. The recital will be presented on Sunday, June 2nd in the University Chapel at 4:30 p.m. and is open to the public without charge.

Besides his position as organist to the Riverside Church, Mr. Swann is also Director of Music and Organist at the Inter-State Center in New York City. As a child prodigy he presented his first recital at the age of eight and was appointed organist of a city church when he was ten. He received his formal musical education at Northwestern School of Sacred Music in Chicago, later continuing his studies with leading organists in America and Europe.

Mr. Swann is also recognized as an outstanding teacher, lecturer and consultant for new organs. He plays music from all periods and is known for his immense repertoire and for the excellence and variety of his programs.

The program follows:

Chaconne in G minor	Louis Couperin (1626-1661)
Two pieces	John Stanley (1713-1786)
Toccata for Flutes—Trumpet Voluntary	
Vision of the Church Eternal	Olivier Messiaen (1908-)
Suite for a Musical Clock	George Frederick Handel (1685-1759)
Prelude—Air—Voluntary on a Flight of Angels— Sonata for Bells Minuet—Gigue	
Variations on a shape-note hymn	Samuel Barber (1910-)
Toccata in F major	Johann Sebastian Bach (1685-1750)
Scherzo-Cats	Jean Langlais (1907-)
Prelude on "Brother James' Air"	Searle Wright (1917-)
Four Organ Chorales	Ernst Pepping (1901-)
Up, up, my heart, with gladness	Heavenwards He ascended
Now God be praised	With tender joy
Introduction, Passacaglia and Fugue	Healey Willan (1880-)

ADVANCE NOTICE NROTC COMMISSIONING CEREMONY

At 8:30 a.m. on Monday, June 3rd, the graduates of the NROTC and other Naval and Marine Officer Candidate programs on campus will form on the steps of the University Chapel for an Oath of Office ceremony.

The Oath of Office will be administered by Brigadier General Rathvon McC. Tompkins, Assistant Division Commander, Second Marine Division, Camp Lejeune, N. C. The ceremony will include pertinent remarks by General Tompkins and the "pinning on" of officer insignia by relatives and friends of the new officers.

CHAMBER MUSIC CONCERTS

The Chamber Arts Society announces the following six concerts for the 1963-64 season:

Saturday, October 19th	AMADEUS QUARTET
Saturday, December 7th	JUILLIARD QUARTET
Saturday, January 11th	HUNGARIAN QUARTET
Saturday, February 8th	QUARTETTO ITALIANO
Saturday, March 21st	FINE ARTS QUARTET
Saturday, April 11th	NEW YORK STRING SEXTET

These concerts will be held in the Music Room, East Duke Building, beginning at 8:15 p.m. **Admission: Membership** in the Chamber Arts Society is open to all persons, and entitles to admission to all concerts. The cost of membership will be \$12.00. The Committee of the Society limits membership to 330 persons, the remaining 70 admissions being available to individuals who purchase **Guest Cards** for single concerts at price of \$2.50. These Guest Cards may be obtained at the door of the Music Room on concert evenings from 7:30 p.m. to 8:00 p.m.

Membership application forms will be sent out early in September to all present members and to any others who indicate their interest to the Committee. The Committee of the Chamber Arts Society includes: Frederick Bernheim, Mary L. C. Bernheim, Alan H. Bone, Frances C. Brown, Virginia S. Bryan, Ruth Friedberg, Bronislas Jezierski, Alan K. Manchester, Julia Mueller, Elizabeth Ropp and Ernest W. Nelson, Chairman (address Box 6065 College Station, Durham, N. C.)

OFF-THE-SERIES ATTRACTION 1963-'64

Tuesday, November 19th

The Regimental Band and Massed Pipers
of the BLACK WATCH (Royal Highland Regiment)
with Highland Dancers from the Edinburgh Festival

Season ticket reservations for the first five attractions, priced at \$8.00, \$9.00, and \$10.00, are available in Room 202-A Flowers Building, by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station, Durham, North Carolina. All of these attractions will be staged in Page Auditorium.

The BLACK WATCH will take place in the Indoor Stadium and reserved seats will be priced at \$2.50 and \$2.00 with a special price of \$1.50 and \$1.25 to Artists Series patrons. Children's tickets are priced at \$1.25 and \$1.00.

1963-64 ARTISTS SERIES ANNOUNCEMENT

The 1963-64 Duke University Artists Series announces the following concerts for the 1963-64 Season:

Tuesday, December 3rd

THE GOLDOVSKY GRAND OPERA THEATER
Puccini's "Tosca"

Tuesday, February 4th

BACH ARIA GROUP

Tuesday, March 10th

PRESTI AND LOGOYA, Guitar-Duo

Friday, March 20th

PITTSBURGH SYMPHONY ORCHESTRA
William Steinberg, Music Director

Friday, April 17th

JOHN BROWNING, Pianist

SCHEDULING NOTICE

Information for the printed UNIVERSITY FALL ACTIVITIES CALENDAR, published and distributed by the Student Union, must be in Room 202-A Flowers Building by May 24th. Faculty and staff members scheduling events for the 1963-64 academic year are urged to record these dates as soon as possible.

WEEK OF

May 26-June 3, 1963

WEEK OF

May 26-June 3, 1963

CALENDAR

OF

DUKE UNIVERSITY



Events of the Week

Sunday, May 26

- 11:00 a.m. University Service of Worship, University Chapel. Preacher: Dr. Hugh Anderson. Sermon: "No Continuing City." Broadcast over Radio Station WDNC and WDNC-FM.

Monday, May 27

- 9:00 a.m. The final examination of Mrs. Mary Jane Hamilton for the Ed.D. degree. Room 08A West Duke Building.
- 9:00 a.m. The final examination of Mr. Harry S. Larsen for the Ph.D. degree in Forestry. Room 140 Biological Sciences Building.
- 9:00 a.m. The final examination of Mr. James Clemons for the Ph.D. degree in Religion. Library Conference Room.
- 2:00 p.m. The final examination of Mr. J. Allen Norris, Jr. for the Ed.D. degree. Room 08A West Duke Building.
- 3:00 p.m. The final examination of Mr. Louis Cantor for the Ph.D. degree in History. Library Conference Room.
- 4:15 p.m. Zoology Seminar. Auditorium, Biological Sciences Building. Speaker: Dr. Brian Boycott.
- 4:30 p.m. East Campus Pool open for women: faculty, staff members, and students.

Tuesday, May 28

- 9:00 a.m. The final examination of Mr. James K. Zink for the Ph.D. degree in Religion. Library Conference Room.

- 3:00 p.m. The final examination of Mr. Alf A. Heggy for the Ph.D. degree in History. The Boyd Room, 234 Allen Building.

Wednesday, May 29

- 9:00 a.m. The final examination of Mr. Edward S. Katkin for the Ph.D. degree in Psychology. Room 204 Bivins Building.
- 2:00 p.m. The final examination of Mr. Albert Yves Bodart for the Ph.D. degree in Economics. Room 125 Allen Building.
- NOTE:** Quadrangle Pictures will be closed for the rest of this semester.

Thursday, May 30

- 4:00 p.m. University Faculty Meeting. Room 125 Engineering Building.

Saturday, June 1

- 8:30 a.m. Alumni Golf Tournament, continued. Duke Golf Course.
- 9:00 a.m. Registration continued. Alumni Lobby, West Campus Union.
- 9:00 a.m.-8:30 p.m. Duke Junior-Versity. Ages 2-6. Mary O. Cowper Nursery. 2211 Pratt Street. 8:30 p.m. Baby-sitting in residence halls.
- 9:00 a.m.-10:00 p.m. Duke Junior-Versity. Ages 7-13. Card Gymnasium, West Campus. 10:00 p.m.-Midnight, Supervision in residence halls.

IMPORTANT—Notices for the Duke University Calendar should be submitted IN WRITTEN FORM to Room 202-A Flowers Building, West Campus, not later than 1:00 p.m., Wednesday. Extension 2911.

- 10:00 a.m. Phi Beta Kappa Business Meeting. Room 211 Divinity School.
- 10:00 a.m. Meeting of the Board of Trustees. Allen Building, West Campus.
- 10:00 a.m.-Midnight. Activities for teenagers, 14 and older. Headquarters, Game Room, Flowers Building.
- 10:30 a.m.-12:00 noon. Alumni Lectures: 1. "The European Common Market After De Gaulle," Dr. Hans Gerhard and Dr. Herman Walker, College of Engineering Auditorium, West Campus. 2. "The Composer and His Materials," Iain Hamilton, Music Room, East Duke Building.
- 12:15 p.m. Engineering Alumni Association Buffet Luncheon. Gothic Dining Hall, West Campus Union.
- 1:00 p.m. Luncheon for National Council and Trustees. Ballroom, West Campus Union.
- 2:00 p.m. Meeting Duke University National Council. Ballroom, West Campus Union.
- 2:30 p.m. and 3:30 p.m. Guided Tours of Campus by bus. Tickets at Registration Desk.
- 4:00-5:00 p.m. Chapel Choir Rehearsal. University Chapel.
- 4:45 p.m. Lawn Concert, University Band. Residence Halls Quadrangle, West Campus.
- 6:00 p.m. General Alumni Dinner. Blue & White Room, West Campus Union.
- 8:45 p.m. Hoof 'n' Horn presentation of the Broadway musical, "Bye, Bye, Birdie." Page Auditorium.
- NOTE:** Quadrangle Pictures will be closed for the rest of this semester.

Sunday, June 2

- 9:00 a.m. Registration continued. West Campus Union.
- 9:30 a.m.-12:30 p.m. Duke Junior-Varsity. Mary O. Cowper Nursery and Card Gymnasium.
- 10:30-10:45 a.m. Carillon Recital. Donald L. Hand, Student Carillonneur.
- 11:00 a.m. Baccalaureate Sermon for the Graduating Classes. Walter G. Muelder, B.S., St.B., Ph.D., Dean of the School of Theology, Boston University. University Chapel.
- 2:30 p.m. School of Nursing Pinning Ceremony for Graduating Nurses, University Chapel. Followed by tea in Hanes House.
- 3:30 p.m. Carillon Recital by Antou Brees, Carillonneur, Bok Tower, Lake Wales, Florida.
- 4:30 p.m. Organ Recital by Frederick Swann, Organist, Riverside Church, New York City. University Chapel.
- 6:00 p.m. Outdoor Reception in honor of Graduating Classes. East Campus.
- 7:00 p.m. Flag-lowering Exercises by Senior Classes. East Campus.

Monday, June 3

- 8:00 a.m. Commissioning Exercises, AFROTC. Oath administered by Major General Andrew J. Adams, U. S. Army. Auditorium, College of Engineering.
- 8:30 a.m. Commissioning Exercises, NROTC. Oath administered by Lieutenant General Wallace M. Greene, Chief of Staff, USMC. Entrance, Duke University Chapel.
- 10:30 a.m. Graduating Exercises. Address by A. Merrimon Cnninggim, A.B., A.M., B.A., B.D., Ph.D., Executive Director, The Danforth Foundation. Indoor Stadium.

UNIVERSITY SERVICE OF WORSHIP

The Reverend Dr. Hugh Anderson, Professor of Biblical Theology, The Divinity School, will deliver the sermon in the University Service of Worship on Sunday, May 26th at 11:00 a.m. in the University Chapel. His subject will be "No Continuing City." The order of service follows:

The Reverend Howard C. Wilkinson, Chaplain to the University, Presiding Minister.

Opening Organ Voluntary—Sketch in F minor *Schumann*
Pastorale *Milhaud*
Chanson *Arcadelt-Liszt*

Choral Adoration—"Sanctus" from Mass II *Hans Leo Hassler*
Hymn—"Come Almighty King" *Felice de Giardini*

The Prayer of Confession
Words of Assurance
The Lord's Prayer
Anthem "Hear My Prayer, O God" *Jacob Arcadelt*

Scripture Lesson: Hebrews 13:1-14
Hymn—"O God, Our Help in Ages Past" *William Croft*

Call to Prayer
The Pastoral Prayer of Adoration, Thanksgiving, Intercession, Petition and Dedication
The Offering
Offertory Organ Interlude
Anthem—"Rejoice in the Lord Alway" *Henry Purcell*

Response—The Doxology
Prayer of Dedication
Sermon—"No Continuing City"
Prayer
Benediction
Choral Response—"Sevenfold Amen" *John Stainer*

The Chimes
Organ Voluntary—Toccata *Saint-Saens*

Preacher for Sunday, June 2nd: Baccalaureate Sermon—Walter G. Muelder, Dean of the School of Theology, Boston University.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mrs. Mary Jane Hamilton for the Ed.D. degree will be held on Monday, May 27th at 9:00 a.m. in Room 08A West Duke Building. The subject of Mrs. Hamilton's dissertation is "A Study of Dropouts from White Public Secondary Schools of South Carolina." The committee to conduct the examination consists of Professors W. A. Stumpf, A. S. Hurlburt, Olan Petty, Henry L. Sublett, and Herman Turk. Professor Stumpf will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Harry S. Larsen for the Ph.D. degree in Forestry will be held on Monday, May 27th, at 9:00 a.m. in Room 140 Biological Sciences Building. The subject of Mr. Larsen's dissertation is "Studies on the Relative Drought Resistance of Some Southern Oaks." The committee to conduct the examination consists of Professors Paul J. Kramer, C. W. Ralston, A. W. Naylor, J. G. Osborne, and F. W. Woods. Professor Kramer will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. James Clemons for the Ph.D. degree in Religion will be held on Monday, May 27th at 9:00 a.m. in the Library Conference Room. The subject of Mr. Clemons' dissertation is "Studies in the Syriac Text of Galatians." The committee to conduct the examination consists of Professors John Strugnell, Kenneth Clark, Hugh Anderson, Orval Wintermute, and Robert Rogers. Professor Strugnell will preside.

FINAL EXAMINATION FOR THE ED.D. DEGREE

The final examination of Mr. J. Allen Norris, Jr. for the Ed.D. degree will be held on Monday, May 27th at 2:00 p.m. in Room 08A West Duke Building. The subject of Mr. Norris' dissertation is "Positions Taken by Governors Pertaining to School Term Extension as a Factor in the Equalization of Educational Opportunity in the Public Schools of North Carolina, 1924-1943." The committee to conduct the examination consists of Professors Allan Hurlburt, Robert Colver, W. A. Stumpf, Olan L. Petty, and Robert Durden. Professor Hurlburt will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Louis Cantor for the Ph.D. degree in History will be held on Monday, May 27th at 3:00 p.m. in the Library Conference Room. The subject of Mr. Cantor's dissertation is "The Creation of the Modern National Guard: The Dick Militia Act of 1903." The committee to conduct the examination consists of Professors I. B. Holley, R. L. Watson, Joel Colton, J. S. Curtiss, and E. H. Brookes. Professor Holley will preside.

ZOOLOGY SEMINAR

The Zoology Department will hold its weekly seminar on Monday, May 27th in the Auditorium of the Biological Sciences Building at 4:15 p.m. Dr.

Brian Boycott, University College, University of London, London, England, will speak on "Memory as a Neurological Problem." Coffee and tea will be served in the foyer at 4:00 p.m.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. James K. Zink for the Ph.D. degree in Religion will be held on Tuesday, May 28th at 9:00 a.m. in the Library Conference Room. The subject of Mr. Zink's dissertation is "The Use of the Old Testament in the Apocrypha." The committee to conduct the examination consists of Professors John Strugnell, Hugh Anderson, Kenneth Clark, James Price, and Robert Rogers. Professor Strugnell will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Alf A. Heggy for the Ph.D. degree in History will be held on Tuesday, May 28th, at 3:00 p.m. in The Boyd Room, 234 Allen Building. The subject of Mr. Heggy's dissertation is "The Colonial Policies of Gabriel Hanotaux in Africa, 1894-1898." The committee to conduct the examination consists of Professors Joel Colton, John S. Curtiss, Harold T. Parker, Richard L. Watson, and Robert S. Rogers. Professor Colton will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Edward S. Katkin for the Ph.D. degree in Psychology will be held on Wednesday, May 29th at 9:00 a.m. in Room 204 Bivins Building. The subject of Mr. Katkin's dissertation is "The Relationship Between Self-Report and Physiological Indices of Anxiety During Differentially Stressful Conditions." The committee to conduct the dissertation consists of Professors Charles D. Spielberger, Gregory A. Kimble, Martin Lakin, Barry Shmavonian, and Henry Weitz. Professor Spielberger will preside.

FINAL EXAMINATION FOR THE PH.D. DEGREE

The final examination of Mr. Albert Yves Bodart for the Ph.D. degree in Economics will be held on Wednesday, May 29th at 2:00 p.m. in Room 125 Allen Building. The subject of Mr. Bodart's dissertation is "Economics of Shiftwork." The committee to conduct the examination consists of Professors F. A. Hanna, F. T. deVyver, C. B. Hoover, J. J. Spengler, and R. T. Cole. Professor Hanna will preside.

UNIVERSITY FACULTY MEETING

The University Faculty will meet in regular session in Room 125 Engineering Building on Friday, May 31st at 4:00 p.m. The agenda will include approval of candidates for degrees to be conferred at the Commencement of Monday, June 3rd.

PHI BETA KAPPA BUSINESS MEETING

Phi Beta Kappa will hold its final business meeting of the academic year on Saturday, June 1st, at 10:00 a.m. in Room 211 Divinity School. The main business of this meeting will be the election of undergraduate and graduate members. The committees in charge of these elections will report on their nominations. All active members are urged to be present.

1963 ALUMNI LECTURES

Continuing the popular Alumni Lecture series begun in 1959, two topics will be covered this year: "The European Common Market After De Gaulle" and "The Composer and His Materials." In the College of Engineering Auditorium Dr. Hans Gerhard and Dr. Herman Walder, an economist and a political scientist, will comment on the Common Market as it involves the United States and how it might be expected to solve the problems of Great Britain's lagging economic growth. In the Music Room of East Duke Iain Hamilton, visiting Mary Duke Biddle Professor of Music, will discuss the elements of musical composition and will illustrate his talk with selected works. No admission is charged. However, reservations are requested and tickets can be obtained at the registration desk. Both lectures will begin at 10:30 a.m. on Saturday morning, June 1st.

SCHOOL OF NURSING PINNING EXERCISES

The School of Nursing Pinning Exercises will be held on Sunday, June 2nd in the University Chapel at 2:30 p.m. The University Community is cordially invited to attend.

CARILLON RECITAL

Anton Brees, Carillonneur, Bok Singing Tower, Lake Wales, Florida, will present a carillon recital from the University Chapel Tower on Sunday, June 2nd at 3:30 p.m. as part of the Commencement Program. The performance will be this distinguished artist's 32nd consecutive commencement recital at Duke.

COMMENCEMENT ORGAN RECITAL

Frederich Swann

The commencement organ recital, usually presented by Mildred L. Hendrix, Organist to the University, will this year be given by Frederich Swann, distinguished organist of Riverside Church. Mrs. Hendrix will be attending the graduation of her son from Davidson College and will depart for Davidson immediately after the morning Service of Worship in the Chapel. The recital will be presented on Sunday, June 2nd in the University Chapel at 4:30 p.m. and is open to the public without charge.

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DINING HALLS COMMENCEMENT SCHEDULE—1963

<i>Saturday, June 1</i>	<i>University Room</i>	<i>Blue and White Room</i>	<i>Oak Room</i>
Breakfast		7:00- 9:30	
Snack Bar		9:00-11:00	
Lunch	11:30- 2:00		11:30- 2:00
Dinner	5:00- 7:00		5:00- 7:00
<i>Sunday, June 2</i>	<i>Dining Hall "A"</i>	<i>University Room</i>	<i>Oak Room</i>
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Lunch		11:30- 2:00	11:30- 2:00
Dinner		5:00- 7:00	5:00- 7:00
<i>Monday, June 3</i>	<i>Blue and White Room</i>		<i>Oak Room</i>
Breakfast	7:00- 9:30		
Snack Bar	9:00-11:00		
Lunch	11:30- 2:00		11:30- 2:00
Dinner	5:00- 6:30		

LIBRARY SCHEDULE

During the intersession period, May 29-June 11, and the summer sessions, June 12-August 24, the libraries will be open and operating according to the following schedule.

General Library

Intersession Schedule May 29-June 11

Wednesday, May 29	8:00 A.M.- 6:00 P.M.
Thursday, May 30-	
Friday, May 31	8:00 A.M.- 5:00 P.M.
*Saturday, June 1	8:00 A.M.- 1:00 P.M.
Sunday, June 2	CLOSED
Monday, June 3-	
Friday, June 7	8:00 A.M.- 5:00 P.M.
Saturday, June 8	8:00 A.M.- 1:00 P.M.
Sunday, June 9	CLOSED
Monday, June 10-	
Tuesday, June 11	8:00 A.M.- 5:00 P.M.

* Exception: The Rare Book Room and the Main Loan Desk will remain open until 5:00 p.m.

Summer Session, June 12-August 24

Monday-Friday	8:00 A.M.-10:00 P.M.
Saturday	8:00 A.M.- 6:00 P.M.
Sunday	2:00 P.M.- 6:00 P.M.

WOMAN'S COLLEGE LIBRARY

Summer Session, 1963

Wednesday, May 29	8:00 A.M.- 6:00 P.M.
Thursday, May 30-Wednesday, September 18	
Monday-Friday	8:30 A.M.- 4:30 P.M.
Saturday	8:30 A.M.- 1:00 P.M.
Sunday	CLOSED

Schedules for other libraries will be posted in those libraries.

1963-64 ARTISTS SERIES ANNOUNCEMENT

The 1963-64 Duke University Artists Series announces the following concerts for the 1963-64 Season:

Tuesday, December 3rd
THE GOLDOVSKY GRAND OPERA THEATER
Puccini's "Tosca"

Tuesday, February 4th
BACH ARIA GROUP

Tuesday, March 10th
PRESTI AND LOGOYA, Guitar-Duo

Friday, March 20th
PITTSBURGH SYMPHONY ORCHESTRA
William Steinberg, Music Director

Friday, April 17th
JOHN BROWNING, Pianist

OFF-THE-SERIES ATTRACTION 1963-'64

Tuesday, November 19th
The Regimental Band and Massed Pipers
of the BLACK WATCH (Royal Highland Regiment)
with Highland Dancers from the Edinburgh Festival

Season ticket reservations for the first five attractions, priced at \$8.00, \$9.00, and \$10.00, are available in Room 202-A Flowers Building, by calling 681-0111, Extension 2911, or by writing Box KM, Duke Station, Durham, North Carolina. All of these attractions will be staged in Page Auditorium.

The BLACK WATCH will take place in the Indoor Stadium and reserved seats will be priced at \$2.50 and \$2.00 with a special price of \$1.50 and \$1.25 to Artists Series patrons. Children's tickets are priced at \$1.25 and \$1.00.

ADVANCE NOTICE U. S. ARMY RESEARCH OFFICE SEMINAR

The U. S. Army Research Office Seminar will be held on Friday, June 14th at 3:30 p.m. in the Main Auditorium of the U. S. Army Research Office on the Duke Campus. Dr. Ralph G. H. Siu, Scientific Director, Research Division, U. S. Army Materiel Command, Washington, D. C., will speak on the "Second-Order Effects of Government Sponsorship of Research. Dr. Siu, a native of Honolulu, received his B.S. and M.S. degrees from the University of Hawaii and his Ph.D. degree from the California Institute of Technology. His research interests include enzymic reactions, terpene chemistry, preservation of food by radiation, and tropical deterioration of materiel. He is the author of three books, the latest, "The Tao of Science," being a philosophical essay on science and research.

An invitation to attend is cordially extended to all interested members of the Scientific Community of the Research Triangle area. There will be a social period preceding the seminar at 3:00 p.m.

CHAMBER MUSIC CONCERTS

The Chamber Arts Society announces the following six concerts for the 1963-64 season:

Saturday, October 19th	AMADEUS QUARTET
Saturday, December 7th	JUILLIARD QUARTET
Saturday, January 11th	HUNGARIAN QUARTET
Saturday, February 8th	QUARTETTO ITALIANO
Saturday, March 21st	FINE ARTS QUARTET
Saturday, April 11th	NEW YORK STRING SEXTET

These concerts will be held in the Music Room, East Duke Building, beginning at 8:15 p.m. **Admission: Membership** in the Chamber Arts Society is open to all persons, and entitles to admission to all concerts. The cost of membership will be \$12.00. The Committee of the Society limits membership to 330 persons, the remaining 70 admissions being available to individuals who purchase **Guest Cards** for single concerts at price of \$2.50. These Guest Cards may be obtained at the door of the Music Room on concert evenings from 7:30 p.m. to 8:00 p.m.

Membership application forms will be sent out early in September to all present members and to any others who indicate their interest to the Committee. The Committee of the Chamber Arts Society includes: Frederick Bernheim, Mary L. C. Bernheim, Alan H. Bone, Frances C. Brown, Virginia S. Bryan, Ruth Friedberg, Bronislas Jezierski, Alan K. Manchester, Julia Mueller, Elizabeth Ropp and Ernest W. Nelson, Chairman (address Box 6065 College Station, Durham, N. C.)

SUMMER SESSION CHOIR REHEARSAL

The first Chapel Choir rehearsal for the Summer Session will be held on Saturday, June 15th, at 4:00 p.m. in the Chapel. All interested persons are asked to call extension 3898 for an audition appointment. All members of the Chapel Choir during the regular academic year are eligible for the Summer Session without an audition. The summer choir will be directed by Assistant Director James Young.

1963 SUMMER SCHOOL PREACHING SCHEDULE DUKE UNIVERSITY CHAPEL

June	16—The Reverend Howard C. Wilkinson Chaplain to Duke University
June	23—The Rt. Reverend Thomas A. Fraser Bishop Coadjutor, Episcopal Diocese of North Carolina, Raleigh, North Carolina
June	30—The Reverend Dr. Charles T. Thrift, Jr. President, Florida Southern College Lakeland, Florida
July	7—The Reverend Professor James T. Cleland Dean of the Duke University Chapel
July	14—The Reverend Paul Carruth Minister, Hayes Barton Methodist Church Raleigh, North Carolina
July	21—The Reverend John Symington Minister, St. Michael's Parish Dumfries, Scotland
July	28—Dean James T. Cleland
August	4—Mr. John Symington
August	11—The Reverend Dr. Chesley C. Herbert, Jr. Minister, Wesley Memorial Methodist Church High Point, North Carolina
August	18—The Reverend Dr. Creighton Lacy Associate Professor of World Christianity The Divinity School

Note: A change has been made in the time of the University Service of Worship for the summer of 1963. The services which are to be held on the dates noted above are scheduled to begin at 9:30 A.M. The services will conclude at 10:30 o'clock. It will be noted, of course, that this represents a change from the normal hour of 11:00 A.M.

1963 SUMMER SESSION

Registration for Term I for the 1963 Summer Session will be Tuesday, June 11th, for Term II registration must be completed by Thursday, July 18th. Duke students may pre-register prior to Wednesday, June 5th.

Summer Session Catalogues and information may be obtained at 119 Allen Building or by calling extension 2621.

THE SUNDIAL

This is the final issue of the University Weekly Calendar for the year 1962-63. On Tuesday, June 11th, registration day for the Summer Session, the first issue of the SUNDIAL, an announcement of weekly activities of the summer months, will be distributed in the Indoor Stadium. This will be a general orientation issue. Anyone wishing to have a notice in this issue is requested to submit copy to the Calendar Office, Room 202-A Flowers Building, by 1:00 p.m. on Thursday, June 6th.

The SUNDIAL will be issued each Saturday thereafter during the summer session months. It will be distributed to the faculty and administration on East and West Campuses and will be available to students on bulletin boards and in the dormitory offices.

Copy for regular issues of the SUNDIAL must be submitted in typewritten form to Room 202-A Flowers Building by 1:00 p.m. on Thursday prior to publication on Saturday.

ARLINGTON, VIRGINIA

